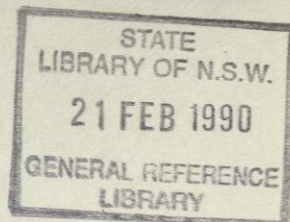


VERTICAL  
FILE



**South Australia**



# **November 1989**

# **Labour Force**

**South Australia**

**Catalogue No. 6201.4**

EMBARGOED UNTIL 11.00 A.M. 15 FEBRUARY 1990

**LABOUR FORCE**  
**SOUTH AUSTRALIA**

**NOVEMBER 1989**

**R.J. ROGERS**

*Deputy Commonwealth Statistician  
and Government Statist*

© Commonwealth of Australia 1990

---

## INQUIRIES

- For more information about these statistics, and the availability of **related unpublished statistics**, contact Mr Peter Carmalt on Adelaide (08) 237 7438.
  - For other **general inquiries**, including requests for copies of publications, telephone the **Information Officer** on Adelaide (08) 237 7100 or call at the ABS, 41 Currie Street, or write to **Information Services**, ABS, GPO Box 2272, Adelaide SA 5001.
  - **DIAL-A-STATISTIC** (08) 237 7123 for the latest information on the Consumer Price Index, Unemployment and Average Weekly Earnings.
  - **VIATEL** key \*656# for selected economic, social and demographic statistics.
- 

## CONTENTS

<i>Table</i>		<i>Page</i>
..	Main Features	1
	<b>SOUTH AUSTRALIA</b>	
1	Labour force status of the civilian population aged 15 years and over	2
	<b>Civilian labour force:</b>	
2	Seasonally adjusted and trend series	4
3	Age group	6
4	Participation rates by age	7
	<b>Employed persons:</b>	
5	Full-time and part-time status by age group	8
6	Status of worker	11
7	Occupation major group	11
8	Industry	12
9	Average weekly hours worked by industry	13
	<b>Unemployed persons:</b>	
10	Age group	14
11	Unemployment rates by age	15
12	Duration of unemployment	16
13	Number and rate by birthplace	17

## CONTENTS (continued)

<i>Table</i>		<i>Page</i>
	<b>REGIONS OF SOUTH AUSTRALIA</b>	
14	<b>Labour force status of the civilian population aged 15 years and over:</b>	
	(1) Adelaide Statistical Division;	18
	(2) Northern Adelaide	20
	(3) Western Adelaide	21
	(4) Eastern Adelaide	22
	(5) Southern Adelaide	23
	(6) Balance of South Australia (excludes Adelaide Statistical Division);	24
	(7) Northern and Western South Australia	25
	(8) Southern and Eastern South Australia	26
	<b>Employed persons:</b>	
15	Occupation major group	27
16	Industry	29
	<b>APPENDIXES</b>	
..	A Glossary	33
..	B Explanatory Notes	35
..	C Technical Notes	38
..	<b>Maps of Statistical Regions</b>	42

### AVAILABILITY OF UNPUBLISHED STATISTICS

The ABS offers a range of unpublished statistics from the Labour Force Survey. This information may be made available in the following forms: computer printout; microfiche; or on floppy disk. Generally, a charge is made for providing unpublished statistics.

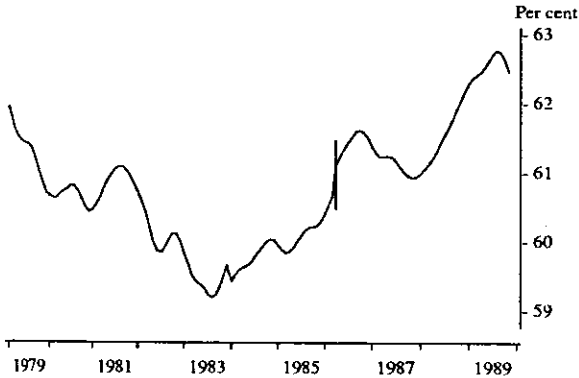
Any queries regarding the availability of unpublished statistics should be directed to Peter Carmalt on (08) 237 7438.)

## MAIN FEATURES

**NOTE:** Care should be taken in the interpretation of month-to-month movements in the original and seasonally adjusted data – see paragraphs 21 and 27 to 30 of the Explanatory Notes (Appendix B). Readers are advised that the last six months' trend estimates are provisional, and could change when data for future months are available – see paragraphs 31 to 33 of the Explanatory Notes (Appendix B) for further details.

The trend of growth in the labour force evident during 1988 and the earlier part of 1989 appears to have levelled out and turned into decline during the past three months.

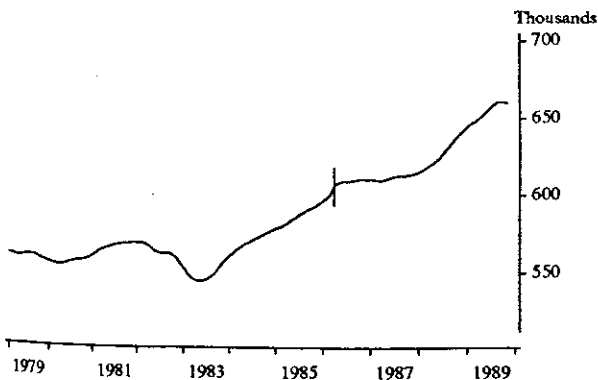
**PARTICIPATION RATE: TREND SERIES**



Indicates a change in definition – see paragraphs 15 and 16 of the Explanatory Notes.

- The labour force (seasonally adjusted) fell by 3,700 (0.5 per cent) over the November quarter of 1989 compared with an increase of 8,200 (1.2 per cent) over the three months to August 1989. This fall was due to a decrease of 7,300 (2.5 per cent) in the female labour force. Trend estimates indicate that the labour force participation rate has fallen since September 1989, following a generally upward trend since January 1988.

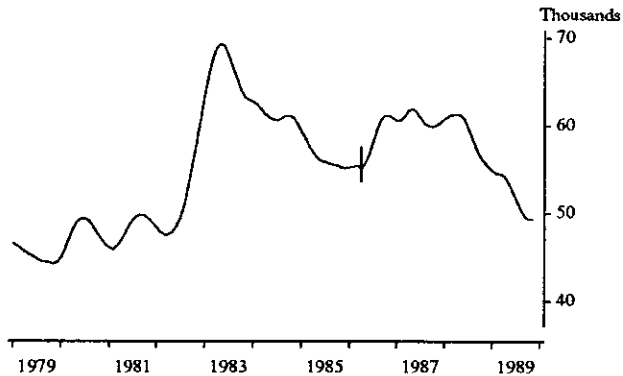
**EMPLOYED PERSONS: TREND SERIES**



Indicates a change in definition – see paragraphs 15 and 16 of the Explanatory Notes.

- In seasonally adjusted terms, the number of employed persons fell by 11,100 (1.7 per cent) over the three months to November 1989 which contrasts with growth of 18,600 (2.9 per cent) over the three months to August 1989. This decline was almost totally due to a fall in the number of employed females. Trend estimates indicate a levelling off in the growth pattern evident since January 1988.

**UNEMPLOYED PERSONS: TREND SERIES**



Indicates a change in definition – see paragraphs 15 and 16 of the Explanatory Notes.

- The number of unemployed persons (seasonally adjusted) increased by 7,400 (15.8 per cent) in the November quarter, compared with a fall of 10,400 (18.2 per cent) in the August quarter of 1989. This was reflected in an increase of one percentage point in the seasonally adjusted unemployment rate, from 6.6 per cent in August 1989 to 7.6 per cent in November 1989. Trend estimates indicate that the decline in unemployment evident since April 1988 has levelled off over the three months to November 1989.

### Regions of South Australia

- Total employment in the Adelaide Statistical Division for November 1989 was 480,500 persons, almost the same level as in August 1989. However, significant growth, 16,700 (3.6 per cent), occurred over the year. The unemployment rate of 6.4 per cent was 0.6 of a percentage point lower than in November 1988.
- In the Balance of South Australia, the total employment of 175,200 persons was little different from that one year earlier in November 1988. The unemployment rate in November 1989 of 8.5 per cent was both significantly higher than that for Adelaide and one full percentage point higher than in November 1988.

TABLE 1 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER  
SOUTH AUSTRALIA

Month	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population 15 years & over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for	Part-time work						
	'000	'000	Full-time work	'000	'000	'000	'000	'000	per cent	per cent
MALES										
Nov. 1982	324.4	348.1	31.3	1.9	33.2	381.3	118.4	499.7	8.7	76.3
Nov. 1983	320.0	340.8	34.8	2.1	36.9	377.7	128.3	506.0	9.8	74.6
Nov. 1984	333.7	356.3	29.7	2.2	31.9	388.2	129.6	517.8	8.2	75.0
Nov. 1985	336.9	360.2	29.3	*1.4	30.7	390.9	134.7	525.6	7.8	74.4
Nov. 1986 (a)	338.7	364.2	30.8	2.8	33.6	397.8	136.1	533.9	8.5	74.5
Nov. 1987	332.0	362.4	33.1	*2.0	35.1	397.5	143.9	541.4	8.8	73.4
1988 -										
Sept.	346.2	373.0	31.5	2.4	33.9	406.9	140.8	547.7	8.3	74.3
Oct.	345.6	375.2	29.0	2.0	31.0	406.2	142.1	548.3	7.6	74.1
Nov.	349.2	380.4	27.1	*1.6	28.7	409.1	139.7	548.8	7.0	74.5
Dec.	346.5	379.0	30.8	2.3	33.1	412.1	137.3	549.4	8.0	75.0
1989 -										
Jan.	344.8	375.1	33.5	3.9	37.4	412.5	137.7	550.2	9.1	75.0
Feb.	351.1	380.5	31.5	2.2	33.7	414.2	136.7	550.9	8.1	75.2
Mar.	349.3	382.0	27.1	3.2	30.3	412.4	139.3	551.7	7.4	74.7
Apr.	350.5	382.8	27.4	3.2	30.6	413.4	139.1	552.4	7.4	74.8
May	350.4	379.9	30.2	3.0	33.3	413.2	140.1	553.2	8.0	74.7
June	351.5	382.2	26.7	*1.8	28.5	410.7	143.3	554.0	6.9	74.1
July	355.9	382.5	28.4	3.4	31.7	414.2	140.3	554.5	7.7	74.7
Aug.	353.4	384.2	25.7	2.2	27.8	412.0	143.1	555.1	6.8	74.2
Sept.	356.6	390.6	23.8	2.4	26.2	416.8	138.9	555.7	6.3	75.0
Oct.	352.0	385.3	23.8	3.1	26.9	412.1	144.1	556.2	6.5	74.1
Nov.	354.6	389.4	26.8	2.4	29.3	418.7	138.1	556.8	7.0	75.2
MARRIED FEMALES (b)										
Nov. 1982	60.9	130.8	3.7	3.6	7.4	138.2	178.9	317.1	5.3	43.6
Nov. 1983	59.2	126.7	4.6	3.4	8.0	134.7	188.2	322.9	5.9	41.7
Nov. 1984	65.1	135.7	3.8	3.5	7.4	143.0	186.8	329.9	5.1	43.4
Nov. 1985	67.6	141.5	4.5	5.1	9.6	151.1	175.0	326.0	6.4	46.3
Nov. 1986 (a)	73.7	155.1	5.0	3.2	8.3	163.4	170.6	334.0	5.1	48.9
Nov. 1987	74.7	156.8	4.3	3.0	7.3	164.1	168.1	332.2	4.5	49.4
1988 -										
Sept.	78.1	162.1	5.7	3.6	9.3	171.4	164.1	335.6	5.4	51.1
Oct.	79.2	160.3	4.9	3.7	8.5	169.5	163.3	332.8	5.0	50.9
Nov.	78.5	162.5	4.4	3.1	7.4	170.6	165.2	335.8	4.4	50.8
Dec.	81.3	164.0	4.5	3.4	7.9	172.5	165.5	338.0	4.6	51.0
1989 -										
Jan.	77.3	157.2	5.4	3.4	8.8	166.7	173.7	340.4	5.3	49.0
Feb.	77.1	163.7	6.3	4.7	11.0	174.7	169.5	344.2	6.3	50.8
Mar.	79.6	169.8	4.4	2.5	6.9	176.7	164.3	340.9	3.9	51.8
Apr.	80.2	169.6	3.1	3.0	6.1	175.7	162.7	338.4	3.5	51.9
May	80.4	171.0	5.0	3.5	8.5	179.4	162.4	341.8	4.7	52.5
June	79.4	170.4	5.2	3.2	8.4	178.8	166.7	345.5	4.7	51.8
July	84.6	169.0	4.5	2.7	7.2	176.2	166.1	342.3	4.1	51.5
Aug.	82.8	174.7	4.7	2.3	7.0	181.7	162.7	344.4	3.8	52.8
Sept.	83.5	175.3	4.3	2.7	7.1	182.3	158.0	340.3	3.9	53.6
Oct.	83.3	169.5	5.0	3.0	8.1	177.6	164.9	342.5	4.5	51.8
Nov.	87.1	170.9	4.4	2.5	6.9	177.8	166.2	344.0	3.9	51.7



TABLE 1 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER  
SOUTH AUSTRALIA —continued

Month	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population 15 years & over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for Full-time work	Part-time work						
	'000	'000	'000	'000	'000	'000	'000	'000	per cent	per cent
ALL FEMALES										
Nov. 1982	119.8	212.4	15.7	5.3	21.0	233.4	288.4	521.8	9.0	44.7
Nov. 1983	119.5	211.0	16.7	5.7	22.4	233.5	295.2	528.7	9.6	44.2
Nov. 1984	126.2	222.7	16.5	5.6	22.1	244.9	293.1	538.0	9.0	45.5
Nov. 1985	132.5	233.1	15.5	7.0	22.5	255.6	289.0	544.6	8.8	46.9
Nov. 1986 (a)	138.0	246.7	15.9	5.7	21.6	268.3	283.1	551.4	8.1	48.7
Nov. 1987	134.2	246.1	15.7	6.1	21.8	267.9	291.1	559.0	8.2	47.9
1988 -										
Sept.	143.1	255.3	18.2	7.1	25.2	280.5	284.5	565.0	9.0	49.6
Oct.	145.8	256.2	14.8	8.0	22.7	279.0	286.6	565.6	8.1	49.3
Nov.	146.7	259.6	13.3	7.0	20.3	279.9	286.2	566.2	7.3	49.4
Dec.	150.2	264.2	14.7	8.2	22.9	287.1	279.7	566.8	8.0	50.7
1989 -										
Jan.	145.2	256.3	16.6	7.3	23.9	280.2	287.3	567.4	8.5	49.4
Feb.	144.1	262.7	17.8	8.8	26.6	289.3	278.8	568.1	9.2	50.9
Mar.	149.3	272.8	14.1	6.0	20.2	292.9	275.9	568.8	6.9	51.5
Apr.	150.2	270.2	13.2	7.1	20.3	290.5	279.0	569.5	7.0	51.0
May	147.8	269.0	15.7	6.0	21.7	290.7	279.5	570.2	7.5	51.0
June	143.9	266.3	14.5	6.2	20.8	287.1	283.9	570.9	7.2	50.3
July	151.1	265.1	14.0	6.1	20.1	285.1	286.0	571.1	7.0	49.9
Aug.	147.7	271.2	13.4	5.0	18.4	289.7	281.7	571.3	6.4	50.7
Sept.	147.4	271.1	13.8	6.4	20.2	291.4	280.2	571.5	6.9	51.0
Oct.	150.4	266.3	14.6	7.0	21.6	287.9	284.4	572.4	7.5	50.3
Nov.	150.6	266.2	14.0	5.9	20.0	286.2	287.0	573.2	7.0	49.9
PERSONS										
Nov. 1982	444.2	560.5	47.1	7.1	54.2	614.7	406.8	1,021.5	8.8	60.2
Nov. 1983	439.5	551.8	51.5	7.8	59.3	611.2	423.6	1,034.7	9.7	59.1
Nov. 1984	459.9	579.0	46.2	7.9	54.0	633.0	422.7	1,055.7	8.5	60.0
Nov. 1985	469.4	593.3	44.7	8.4	53.2	646.5	423.7	1,070.2	8.2	60.4
Nov. 1986 (a)	476.7	610.9	46.8	8.5	55.3	666.1	419.1	1,085.3	8.3	61.4
Nov. 1987	466.2	608.5	48.9	8.1	56.9	665.4	434.9	1,100.3	8.6	60.5
1988 -										
Sept.	489.3	628.2	49.6	9.5	59.2	687.4	425.3	1,112.7	8.6	61.8
Oct.	491.4	631.4	43.7	10.0	53.7	685.1	428.7	1,113.9	7.8	61.5
Nov.	495.9	640.0	40.4	8.6	49.0	689.1	425.9	1,115.0	7.1	61.8
Dec.	496.7	643.3	45.5	10.5	55.9	699.2	416.9	1,116.2	8.0	62.6
1989 -										
Jan.	489.9	631.3	50.1	11.2	61.3	692.7	424.9	1,117.6	8.9	62.0
Feb.	495.2	643.2	49.3	10.9	60.2	703.5	415.6	1,119.0	8.6	62.9
Mar.	498.6	654.8	41.2	9.3	50.5	705.3	415.2	1,120.5	7.2	62.9
Apr.	500.7	652.9	40.6	10.3	50.9	703.8	418.1	1,121.9	7.2	62.7
May	498.2	648.9	45.9	9.0	55.0	703.9	419.6	1,123.4	7.8	62.7
June	495.4	648.5	41.2	8.1	49.3	697.8	427.1	1,124.9	7.1	62.0
July	507.0	647.5	42.4	9.4	51.8	699.4	426.3	1,125.7	7.4	62.1
Aug.	501.1	655.4	39.1	7.2	46.3	701.7	424.7	1,126.4	6.6	62.3
Sept.	503.9	661.8	37.6	8.8	46.4	708.2	419.1	1,127.2	6.6	62.8
Oct.	502.3	651.6	38.4	10.1	48.4	700.1	428.6	1,128.6	6.9	62.0
Nov.	505.1	655.6	40.9	8.4	49.3	704.9	425.1	1,130.0	7.0	62.4

(a) Estimates for the period prior to April 1986 are based on the old definition of employed persons. See Explanatory Notes, Appendix B, paragraphs 14 to 16. (b) See Explanatory Notes, Appendix B, paragraphs 18 and 19.



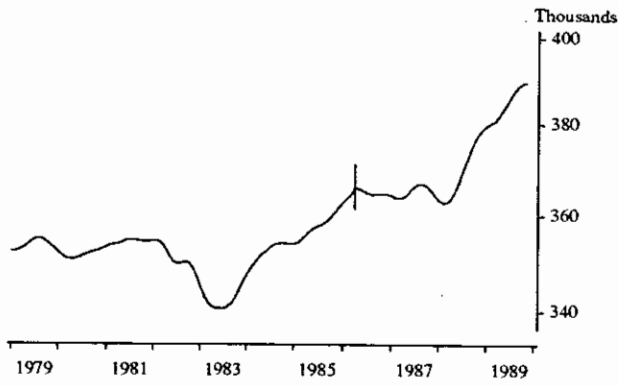
TABLE 2 - CIVILIAN LABOUR FORCE : SEASONALLY ADJUSTED AND TREND SERIES (a), SOUTH AUSTRALIA

Month	Employed		Unemployed		Labour force		Unemployment rate		Participation rate	
	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend
	'000	'000	'000	'000	'000	'000	per cent	per cent	per cent	per cent
MALES										
1988 -										
Sept.	372.1	373.2	32.3	32.8	404.3	405.9	8.0	8.1	73.8	74.1
Oct.	375.3	375.2	32.0	32.1	407.4	407.3	7.9	7.9	74.3	74.3
Nov.	380.3	376.6	31.0	31.8	411.3	408.5	7.5	7.8	74.9	74.4
Dec.	375.6	377.7	32.1	31.8	407.7	409.4	7.9	7.8	74.2	74.5
1989 -										
Jan.	378.1	378.4	33.0	31.9	411.1	410.3	8.0	7.8	74.7	74.6
Feb.	378.8	379.0	32.4	32.1	411.2	411.0	7.9	7.8	74.6	74.6
Mar.	379.4	379.4	30.0	32.3	409.4	411.8	7.3	7.9	74.2	74.6
Apr.	381.6	380.3	32.2	32.4	413.8	412.7	7.8	7.8	74.9	74.7
May	380.7	381.7	34.8	31.9	415.5	413.6	8.4	7.7	75.1	74.8
June	382.1	383.4	30.2	31.1	412.3	414.5	7.3	7.5	74.4	74.8
July	383.3	385.0	32.3	30.0	415.5	415.0	7.8	7.2	74.9	74.8
Aug.	389.7	386.4	27.6	29.0	417.4	415.4	6.6	7.0	75.2	74.8
Sept.	389.6	387.4	24.9	28.3	414.5	415.7	6.0	6.8	74.6	74.8
Oct.	385.4	388.0	27.7	27.9	413.1	415.9	6.7	6.7	74.3	74.8
Nov.	389.3	388.3	31.7	27.7	421.0	416.1	7.5	6.7	75.6	74.7
FEMALES										
1988 -										
Sept.	256.8	256.7	24.0	23.8	280.9	280.5	8.6	8.5	49.7	49.7
Oct.	258.4	257.9	23.2	23.6	281.6	281.5	8.2	8.4	49.8	49.8
Nov.	258.3	259.3	22.7	23.3	281.0	282.6	8.1	8.2	49.6	49.9
Dec.	260.1	261.0	22.2	22.9	282.4	283.9	7.9	8.0	49.8	50.1
1989 -										
Jan.	263.4	262.8	23.8	22.3	287.1	285.1	8.3	7.8	50.6	50.2
Feb.	263.8	264.2	24.0	21.8	287.8	286.0	8.3	7.6	50.7	50.3
Mar.	267.8	265.2	18.5	21.5	286.2	286.7	6.4	7.5	50.3	50.4
Apr.	266.2	266.0	19.9	21.2	286.1	287.2	6.9	7.4	50.2	50.4
May	266.0	267.0	22.4	20.9	288.4	288.0	7.8	7.3	50.6	50.5
June	265.1	268.3	22.0	20.8	287.1	289.1	7.7	7.2	50.3	50.6
July	267.2	269.4	21.4	20.7	288.6	290.2	7.4	7.1	50.5	50.8
Aug.	275.6	270.1	19.0	20.7	294.6	290.8	6.5	7.1	51.6	50.9
Sept.	272.8	270.0	19.2	20.7	292.0	290.7	6.6	7.1	51.1	50.9
Oct.	268.7	269.1	22.0	20.8	290.7	289.9	7.6	7.2	50.8	50.7
Nov.	264.9	267.8	22.4	21.0	287.3	288.8	7.8	7.3	50.1	50.4
PERSONS										
1988 -										
Sept.	628.9	629.9	56.3	56.6	685.2	686.5	8.2	8.2	61.6	61.7
Oct.	633.7	633.0	55.3	55.8	689.0	688.8	8.0	8.1	61.9	61.8
Nov.	638.5	636.0	53.8	55.1	692.3	691.1	7.8	8.0	62.1	62.0
Dec.	635.7	638.7	54.3	54.6	690.1	693.3	7.9	7.9	61.8	62.1
1989 -										
Jan.	641.5	641.2	56.7	54.2	698.3	695.4	8.1	7.8	62.5	62.2
Feb.	642.5	643.1	56.4	53.9	698.9	697.1	8.1	7.7	62.5	62.3
Mar.	647.2	644.6	48.5	53.9	695.6	698.5	7.0	7.7	62.1	62.3
Apr.	647.8	646.3	52.1	53.6	699.9	700.0	7.4	7.7	62.4	62.4
May	646.7	648.7	57.1	52.9	703.8	701.6	8.1	7.5	62.6	62.5
June	647.3	651.7	52.2	51.8	699.4	703.5	7.5	7.4	62.2	62.5
July	650.4	654.4	53.7	50.8	704.1	705.2	7.6	7.2	62.6	62.6
Aug.	665.3	656.5	46.7	49.8	712.0	706.3	6.6	7.0	63.2	62.7
Sept.	662.4	657.4	44.1	49.0	706.5	706.4	6.2	6.9	62.7	62.7
Oct.	654.1	657.1	49.7	48.7	703.8	705.9	7.1	6.9	62.4	62.5
Nov.	654.2	656.2	54.1	48.8	708.3	704.9	7.6	6.9	62.7	62.4

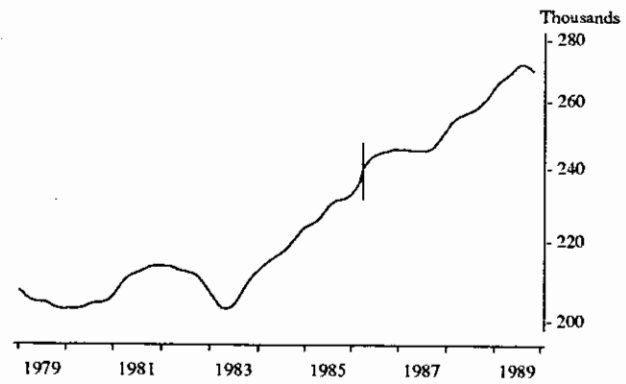
(a) Trend series data for the most recent months have been revised. See Explanatory Notes, Appendix B, paragraphs 32 to 34.

# TREND SERIES, SOUTH AUSTRALIA

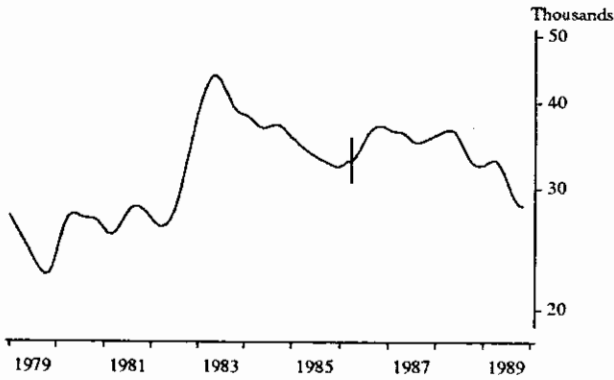
EMPLOYED MALES (a)



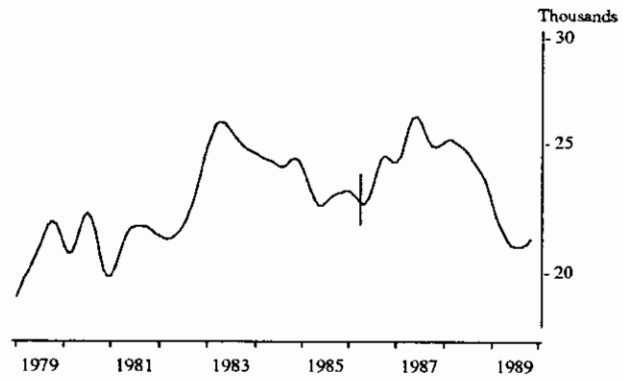
EMPLOYED FEMALES (a)



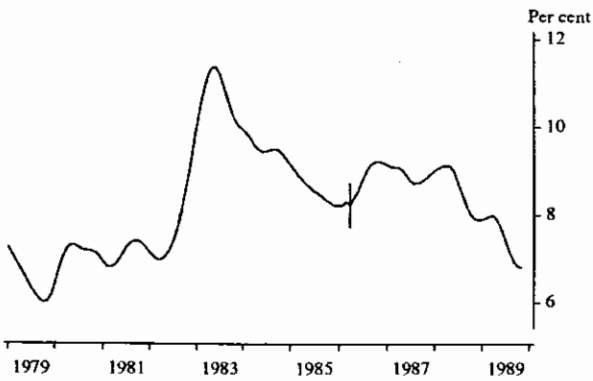
UNEMPLOYED MALES (a)



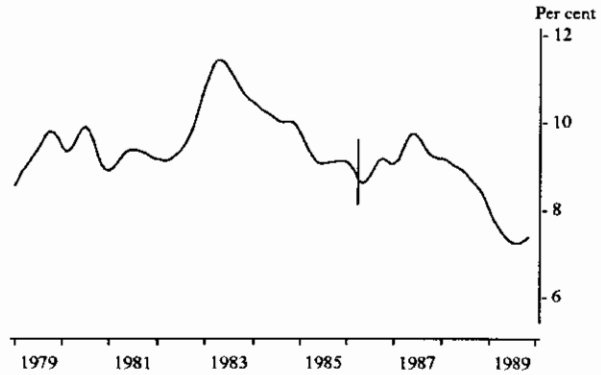
UNEMPLOYED FEMALES (a)



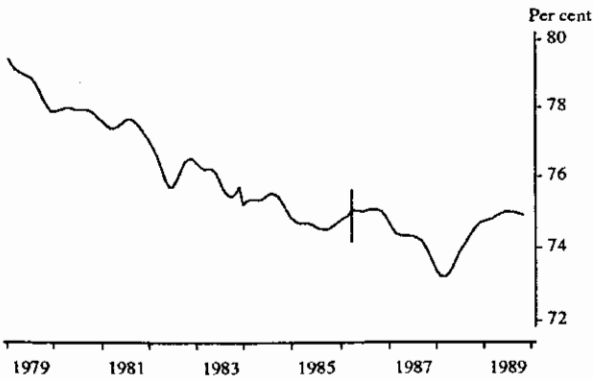
MALE UNEMPLOYMENT RATE



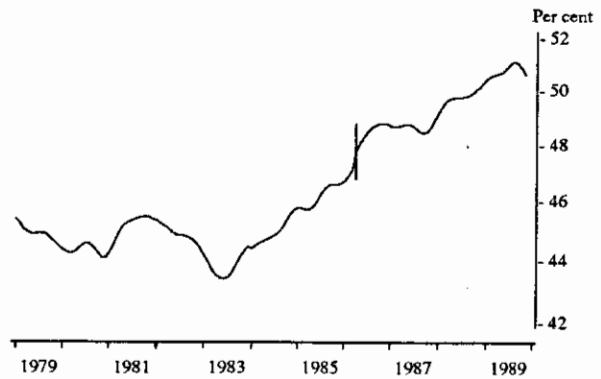
FEMALE UNEMPLOYMENT RATE



MALE PARTICIPATION RATE (a)



FEMALE PARTICIPATION RATE (a)



(a) These graphs have been drawn to a semi-logarithmic scale to enable comparisons to be made of rates of change in series of differing magnitude.  
 | Indicates a change in definition - see paragraphs 15 and 16 of the Explanatory Notes, Appendix B, for further details.

TABLE 3 - CIVILIAN LABOUR FORCE : AGE GROUP, SOUTH AUSTRALIA  
( '000)

Month	Age group (years)								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 & over	
MALES									
1988 -									
Sept.	36.3	53.8	111.2	97.6	63.6	23.9	15.4	5.0	406.9
Oct.	35.3	52.8	111.3	98.1	63.4	23.9	15.6	5.8	406.2
Nov.	37.1	53.2	111.4	98.7	64.3	24.0	14.7	5.8	409.1
Dec.	41.8	53.6	110.3	98.0	64.5	24.1	14.6	5.2	412.1
1989 -									
Jan.	43.3	53.3	109.8	98.2	63.4	23.3	15.5	5.6	412.5
Feb.	39.2	54.2	109.8	98.8	64.7	25.3	16.0	6.2	414.2
Mar.	38.6	52.6	109.1	99.6	65.4	25.1	15.7	6.2	412.4
Apr.	37.3	51.6	111.3	98.9	65.9	25.0	16.9	6.5	413.4
May	37.5	52.5	110.9	99.2	64.5	25.2	17.0	6.4	413.2
June	35.6	52.1	112.1	100.0	63.4	24.0	17.7	5.8	410.7
July	36.5	53.9	112.6	100.4	64.2	23.4	17.4	5.9	414.2
Aug.	35.8	53.0	112.4	99.9	63.5	23.7	17.8	6.0	412.0
Sept.	36.5	53.0	114.1	100.5	64.0	24.1	18.3	6.4	416.8
Oct.	35.5	53.5	112.8	99.8	64.8	22.7	16.9	6.2	412.1
Nov.	37.1	54.3	112.9	100.1	66.5	23.3	17.5	7.0	418.7
FEMALES									
1988 -									
Sept.	35.9	43.8	73.5	71.1	41.0	10.4	3.5	*1.2	280.5
Oct.	35.3	43.8	71.9	72.7	39.2	10.3	3.8	*1.8	279.0
Nov.	35.4	42.5	73.2	73.1	40.4	9.8	3.9	*1.6	279.9
Dec.	39.4	44.0	74.4	73.6	40.2	9.6	4.1	*1.7	287.1
1989 -									
Jan.	38.4	43.4	72.4	71.1	38.8	9.3	4.4	2.3	280.2
Feb.	38.7	43.2	75.0	74.5	40.4	11.2	4.0	2.2	289.3
Mar.	36.1	43.8	76.9	77.0	42.0	11.2	4.0	*1.9	292.9
Apr.	36.9	42.3	78.4	76.3	41.7	9.2	3.8	*1.8	290.5
May	36.1	41.7	78.2	76.0	41.1	11.6	4.0	*1.9	290.7
June	35.7	39.7	77.4	76.2	42.7	10.3	3.2	*1.8	287.1
July	34.5	42.2	75.0	74.5	42.7	10.6	3.9	*1.7	285.1
Aug.	35.1	42.3	76.6	76.4	43.1	10.9	3.9	*1.4	289.7
Sept.	34.2	42.6	77.5	78.2	42.7	9.9	4.9	*1.5	291.4
Oct.	35.1	42.3	78.3	75.5	42.2	9.1	4.3	*1.3	287.9
Nov.	34.4	39.7	78.1	77.2	42.7	8.6	4.6	*0.8	286.2
PERSONS									
1988 -									
Sept.	72.2	97.7	184.7	168.8	104.6	34.4	18.9	6.2	687.4
Oct.	70.6	96.6	183.2	170.8	102.6	34.2	19.4	7.6	685.1
Nov.	72.5	95.7	184.6	171.7	104.7	33.8	18.6	7.4	689.1
Dec.	81.2	97.6	184.7	171.6	104.7	33.7	18.8	6.9	699.2
1989 -									
Jan.	81.7	96.8	182.2	169.3	102.3	32.7	19.8	7.9	692.7
Feb.	78.0	97.4	184.7	173.3	105.1	36.4	20.0	8.5	703.5
Mar.	74.7	96.4	186.0	176.6	107.4	36.3	19.6	8.1	705.3
Apr.	74.2	94.0	189.8	175.2	107.5	34.3	20.7	8.3	703.8
May	73.7	94.2	189.1	175.1	105.7	36.8	21.0	8.3	703.9
June	71.3	91.8	189.5	176.1	106.2	34.3	21.0	7.6	697.8
July	71.0	96.1	187.6	174.9	106.9	34.1	21.3	7.6	699.4
Aug.	70.9	95.2	189.0	176.3	106.6	34.7	21.7	7.4	701.7
Sept.	70.6	95.6	191.6	178.6	106.6	33.9	23.2	7.9	708.2
Oct.	70.6	95.7	191.0	175.3	107.0	31.7	21.1	7.5	700.1
Nov.	71.5	94.0	191.0	177.4	109.2	31.9	22.1	7.8	704.9

TABLE 4 - CIVILIAN LABOUR FORCE : PARTICIPATION RATES BY AGE GROUP, SOUTH AUSTRALIA  
(Per cent)

	Age group (years)								
Month	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 & over	Total
MALES									
1988 -									
Sept.	61.5	93.2	95.6	94.4	89.2	72.6	45.7	6.8	74.3
Oct.	59.9	91.4	95.5	94.7	88.8	72.5	46.5	7.9	74.1
Nov.	62.9	92.2	95.5	95.1	89.9	72.9	43.8	7.8	74.5
Dec.	71.0	92.9	94.4	94.2	89.9	73.4	43.6	7.1	75.0
1989 -									
Jan.	73.6	92.3	93.8	94.3	88.3	71.2	46.1	7.6	75.0
Feb.	66.8	93.9	93.5	94.6	89.8	77.2	47.6	8.4	75.2
Mar.	65.8	91.0	92.8	95.2	90.5	76.9	46.7	8.3	74.7
Apr.	63.6	89.3	94.5	94.3	91.0	76.7	50.3	8.7	74.8
May	64.1	90.7	93.9	94.3	89.0	77.4	50.6	8.5	74.7
June	60.8	90.0	94.8	94.9	87.3	73.6	52.8	7.7	74.1
July	62.6	92.9	95.0	95.2	88.1	72.2	51.8	7.8	74.7
Aug.	61.4	91.2	94.7	94.5	86.8	73.4	53.1	7.9	74.2
Sept.	62.7	91.2	96.0	94.9	87.3	74.6	54.5	8.5	75.0
Oct.	61.3	91.9	94.8	94.1	88.1	70.4	50.4	8.1	74.1
Nov.	64.0	93.2	94.8	94.3	90.2	72.6	52.2	9.2	75.2
FEMALES									
1988 -									
Sept.	63.6	79.2	64.3	69.3	58.9	32.3	10.2	*1.2	49.6
Oct.	62.7	79.2	62.9	70.7	56.2	32.1	11.0	*1.8	49.3
Nov.	63.0	76.7	64.0	70.8	57.7	30.6	11.4	*1.6	49.4
Dec.	70.1	79.5	65.0	71.3	57.2	30.0	12.0	*1.7	50.7
1989 -									
Jan.	68.4	78.4	63.1	68.7	55.2	29.1	12.7	2.2	49.4
Feb.	69.1	77.9	65.3	71.8	57.3	34.9	11.7	2.2	50.9
Mar.	64.5	79.0	66.9	74.0	59.4	35.1	11.5	*1.9	51.5
Apr.	66.0	76.3	68.2	73.2	58.8	29.0	11.1	*1.8	51.0
May	64.7	75.1	67.9	72.7	57.8	36.4	11.8	*1.9	51.0
June	64.0	71.5	67.0	72.7	60.0	32.6	9.4	*1.7	50.3
July	61.9	76.1	65.1	71.0	59.7	33.5	11.4	*1.6	49.9
Aug.	63.2	76.2	66.5	72.8	60.1	34.6	11.2	*1.4	50.7
Sept.	61.7	76.7	67.3	74.4	59.3	31.2	14.4	*1.5	51.0
Oct.	63.4	76.0	67.8	71.6	58.6	28.7	12.5	*1.3	50.3
Nov.	62.3	71.3	67.5	73.2	59.1	27.4	13.4	*0.8	49.9
PERSONS									
1988 -									
Sept.	62.5	86.4	80.1	81.9	74.2	52.7	27.7	3.6	61.8
Oct.	61.3	85.4	79.3	82.7	72.7	52.5	28.5	4.4	61.5
Nov.	63.0	84.6	79.9	83.0	73.9	52.0	27.3	4.2	61.8
Dec.	70.6	86.3	79.8	82.8	73.8	52.0	27.6	3.9	62.6
1989 -									
Jan.	71.1	85.5	78.6	81.5	71.9	50.4	29.2	4.5	62.0
Feb.	67.9	86.0	79.6	83.3	73.7	56.3	29.4	4.8	62.9
Mar.	65.2	85.1	80.0	84.7	75.1	56.2	28.9	4.6	62.9
Apr.	64.8	82.9	81.5	83.8	75.1	53.1	30.5	4.7	62.7
May	64.4	83.1	81.0	83.6	73.6	57.1	30.9	4.7	62.7
June	62.4	80.9	81.1	83.8	73.8	53.3	30.9	4.3	62.0
July	62.2	84.7	80.2	83.1	74.0	53.1	31.4	4.3	62.1
Aug.	62.3	83.9	80.8	83.7	73.6	54.2	32.0	4.1	62.3
Sept.	62.2	84.1	81.9	84.7	73.4	53.1	34.3	4.4	62.8
Oct.	62.3	84.1	81.5	82.9	73.5	49.8	31.2	4.2	62.0
Nov.	63.2	82.5	81.3	83.7	74.8	50.2	32.6	4.4	62.4

TABLE 5 - EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS BY AGE GROUP, SOUTH AUSTRALIA  
(<sup>'000</sup>)

Month	Full-time			Part-time			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
15-19 YEARS									
1988 -									
Sept.	19.5	16.3	35.8	8.7	12.5	21.2	28.2	28.9	57.1
Oct.	20.2	16.9	37.1	9.1	12.3	21.4	29.3	29.2	58.4
Nov.	21.4	17.2	38.6	10.5	13.0	23.5	31.9	30.2	62.1
Dec.	21.9	17.1	39.0	11.9	14.3	26.3	33.8	31.5	65.3
1989 -									
Jan.	24.1	17.3	41.5	9.9	14.3	24.2	34.1	31.6	65.7
Feb.	23.8	16.4	40.3	8.8	14.9	23.7	32.7	31.3	64.0
Mar.	24.0	17.6	41.6	9.2	13.6	22.8	33.2	31.2	64.4
Apr.	23.2	17.6	40.8	8.6	13.0	21.6	31.8	30.6	62.4
May	23.8	16.0	39.9	7.8	13.9	21.7	31.6	29.9	61.5
June	22.9	14.8	37.7	8.1	14.7	22.8	31.0	29.5	60.6
July	23.5	15.5	39.0	6.7	13.3	20.0	30.2	28.8	59.0
Aug.	22.0	14.3	36.3	8.9	14.8	23.7	30.9	29.1	59.9
Sept.	22.2	13.2	35.4	10.2	14.1	24.2	32.4	27.2	59.6
Oct.	22.0	14.0	36.0	9.3	13.9	23.2	31.3	27.9	59.2
Nov.	22.0	12.9	34.9	10.1	15.9	26.0	32.1	28.8	60.9
20-24 YEARS									
1988 -									
Sept.	44.2	28.8	72.9	3.2	9.4	12.6	47.3	38.2	85.5
Oct.	44.2	29.8	74.0	3.2	9.3	12.5	47.5	39.1	86.5
Nov.	42.4	30.4	72.8	4.1	8.6	12.7	46.6	38.9	85.5
Dec.	44.0	31.9	75.9	3.6	8.4	12.1	47.6	40.3	87.9
1989 -									
Jan.	44.1	30.2	74.3	3.1	7.8	10.9	47.2	38.0	85.3
Feb.	45.6	29.8	75.4	2.8	8.3	11.2	48.5	38.1	86.6
Mar.	41.9	30.2	72.1	4.9	9.5	14.4	46.8	39.7	86.5
Apr.	41.4	29.1	70.5	4.6	8.9	13.6	46.0	38.0	84.0
May	42.8	29.1	71.9	3.7	8.8	12.4	46.5	37.8	84.3
June	42.7	29.5	72.2	3.7	7.6	11.3	46.4	37.1	83.5
July	45.0	29.7	74.6	3.4	8.6	12.0	48.4	38.3	86.7
Aug.	44.7	30.2	74.9	3.5	8.7	12.1	48.2	38.9	87.1
Sept.	44.4	28.5	73.0	4.3	9.5	13.9	48.8	38.1	86.8
Oct.	43.3	29.8	73.2	4.9	8.0	12.9	48.2	37.9	86.1
Nov.	42.7	29.4	72.1	5.4	7.3	12.7	48.0	36.8	84.8
25-34 YEARS									
1988 -									
Sept.	99.3	38.1	137.4	4.0	29.5	33.5	103.3	67.6	170.9
Oct.	98.1	38.7	136.8	5.3	27.4	32.7	103.4	66.1	169.4
Nov.	98.8	38.5	137.4	5.7	29.1	34.9	104.6	67.7	172.2
Dec.	96.7	40.1	136.8	4.9	28.6	33.5	101.6	68.7	170.3
1989 -									
Jan.	94.3	38.9	133.2	5.4	29.1	34.5	99.7	67.9	167.7
Feb.	95.4	38.9	134.2	5.2	30.3	35.5	100.5	69.2	169.7
Mar.	94.9	38.6	133.5	5.6	33.2	38.8	100.5	71.8	172.3
Apr.	97.6	40.7	138.3	4.4	32.9	37.3	102.0	73.7	175.6
May	98.1	40.8	138.9	4.3	32.2	36.5	102.4	73.0	175.4
June	98.7	39.8	138.5	5.4	32.5	37.9	104.1	72.3	176.4
July	100.6	40.4	140.9	4.1	30.4	34.5	104.6	70.8	175.4
Aug.	100.1	39.0	139.2	3.8	33.2	37.0	104.0	72.2	176.1
Sept.	101.7	41.3	143.0	4.6	32.1	36.7	106.3	73.4	179.7
Oct.	100.9	43.8	144.7	4.5	29.8	34.2	105.4	73.5	178.9
Nov.	100.4	43.9	144.3	5.1	28.9	34.0	105.5	72.8	178.3

TABLE 5 - EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS BY AGE GROUP, SOUTH AUSTRALIA—continued  
(<sup>'000</sup>)

Month	Full-time			Part-time			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
35-44 YEARS									
1988 -									
Sept.	90.1	30.7	120.8	2.3	36.7	39.0	92.5	67.4	159.9
Oct.	89.8	33.6	123.4	2.6	35.5	38.1	92.4	69.1	161.5
Nov.	91.2	33.8	125.0	2.9	35.8	38.7	94.1	69.6	163.7
Dec.	90.0	34.9	124.9	3.2	35.3	38.5	93.1	70.2	163.4
1989 -									
Jan.	89.7	32.6	122.3	3.2	34.7	37.9	92.8	67.3	160.2
Feb.	89.5	33.5	123.0	3.5	35.7	39.2	93.0	69.2	162.2
Mar.	90.9	36.1	127.0	3.9	36.8	40.7	94.8	72.9	167.7
Apr.	90.2	37.0	127.2	4.3	35.8	40.1	94.5	72.8	167.3
May	90.4	35.3	125.7	3.0	37.1	40.1	93.5	72.4	165.9
June	92.6	34.0	126.6	3.0	38.1	41.0	95.6	72.0	167.6
July	93.0	37.7	130.7	2.1	33.0	35.1	95.1	70.7	165.8
Aug.	92.8	37.2	130.0	2.6	36.0	38.6	95.4	73.2	168.6
Sept.	93.3	38.8	132.1	3.4	36.4	39.8	96.7	75.2	171.9
Oct.	92.9	37.5	130.4	3.3	34.9	38.2	96.2	72.4	168.6
Nov.	95.3	39.3	134.6	2.2	34.2	36.5	97.5	73.5	171.1
45-54 YEARS									
1988 -									
Sept.	58.5	22.0	80.5	*2.0	16.8	18.8	60.5	38.8	99.3
Oct.	58.7	18.5	77.3	2.0	19.1	21.1	60.8	37.6	98.3
Nov.	59.7	19.0	78.7	*1.8	19.7	21.5	61.5	38.7	100.2
Dec.	59.2	19.7	79.0	2.5	19.0	21.5	61.8	38.7	100.5
1989 -									
Jan.	57.1	19.5	76.6	2.8	17.1	19.9	59.9	36.6	96.5
Feb.	59.4	18.7	78.1	2.2	19.6	21.9	61.6	38.4	100.0
Mar.	59.7	19.3	79.0	2.6	21.2	23.9	62.3	40.6	102.9
Apr.	59.0	19.7	78.7	3.6	20.7	24.3	62.6	40.4	103.0
May	56.8	19.2	76.1	3.4	19.8	23.2	60.3	39.1	99.3
June	57.1	20.4	77.4	3.4	20.0	23.3	60.4	40.3	100.8
July	57.4	21.3	78.7	3.2	19.5	22.6	60.6	40.8	101.4
Aug.	57.4	20.3	77.8	3.2	21.6	24.8	60.6	42.0	102.6
Sept.	57.8	19.6	77.4	3.1	21.5	24.7	60.9	41.1	102.1
Oct.	58.5	19.6	78.1	3.6	20.7	24.3	62.1	40.3	102.4
Nov.	59.5	19.8	79.3	3.4	20.8	24.2	62.9	40.6	103.5
55-59 YEARS									
1988 -									
Sept.	20.4	4.7	25.1	2.1	4.9	7.0	22.5	9.6	32.1
Oct.	19.8	4.9	24.8	2.4	4.8	7.1	22.2	9.7	31.9
Nov.	20.6	4.5	25.0	*1.9	4.6	6.5	22.5	9.1	31.6
Dec.	20.2	3.6	23.9	2.1	5.4	7.5	22.3	9.0	31.3
1989 -									
Jan.	20.2	3.6	23.9	*1.7	4.6	6.3	21.9	8.2	30.1
Feb.	22.0	4.3	26.3	*1.8	6.0	7.7	23.7	10.3	34.0
Mar.	22.1	4.8	27.0	*1.9	5.9	7.8	24.1	10.8	34.8
Apr.	21.9	3.7	25.7	*2.0	5.3	7.3	24.0	9.0	33.0
May	21.5	5.0	26.5	2.2	5.9	8.1	23.6	10.9	34.5
June	20.9	3.7	24.6	*1.9	6.3	8.2	22.8	10.0	32.8
July	19.8	4.4	24.2	*2.0	5.7	7.7	21.8	10.0	31.8
Aug.	20.0	4.3	24.3	2.6	6.4	9.0	22.6	10.7	33.3
Sept.	21.0	3.5	24.5	*1.8	6.4	8.2	22.9	9.9	32.7
Oct.	19.3	3.6	22.9	*2.0	5.2	7.2	21.3	8.8	30.1
Nov.	19.4	3.4	22.7	*2.1	5.1	7.2	21.5	8.5	30.0

TABLE 5 - EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS BY AGE GROUP, SOUTH AUSTRALIA—continued  
(’000)

Month	Full-time			Part-time			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
60-64 YEARS									
1988 -									
Sept.	11.6	*1.8	13.4	2.1	*1.8	3.9	13.7	3.5	17.3
Oct.	12.2	2.2	14.4	*1.8	*1.6	3.4	14.0	3.8	17.8
Nov.	12.3	2.3	14.6	*1.3	*1.5	2.8	13.6	3.8	17.4
Dec.	12.1	*1.8	14.0	*1.5	2.3	3.8	13.6	4.1	17.7
1989 -									
Jan.	12.4	*1.9	14.3	*1.4	2.3	3.7	13.8	4.3	18.1
Feb.	12.3	*1.6	13.8	2.2	2.4	4.6	14.4	4.0	18.4
Mar.	12.4	*1.8	14.2	*1.9	2.2	4.1	14.3	4.0	18.3
Apr.	13.5	*1.4	14.9	2.2	2.4	4.6	15.7	3.8	19.5
May	13.4	*1.6	15.0	2.3	2.4	4.7	15.7	4.0	19.7
June	13.5	*1.2	14.7	2.6	*2.1	4.6	16.1	3.2	19.3
July	13.3	*1.8	15.2	2.9	*2.1	5.0	16.2	3.9	20.1
Aug.	13.5	*1.9	15.4	3.2	*1.9	5.2	16.7	3.9	20.6
Sept.	13.2	*1.7	14.9	3.2	3.1	6.3	16.4	4.8	21.2
Oct.	12.0	*1.8	13.8	2.6	2.5	5.1	14.6	4.3	18.9
Nov.	12.4	*1.6	14.0	2.7	2.9	5.6	15.1	4.4	19.6
65 YEARS & OVER									
1988 -									
Sept.	2.5	*0.7	3.3	2.4	*0.5	2.8	4.9	*1.2	6.1
Oct.	2.6	*1.1	3.8	3.1	*0.6	3.7	5.7	*1.8	7.5
Nov.	2.6	*1.0	3.6	3.0	*0.6	3.6	5.7	*1.6	7.3
Dec.	2.4	*1.0	3.4	2.7	*0.7	3.4	5.1	*1.7	6.8
1989 -									
Jan.	2.8	*1.1	3.9	2.8	*1.2	4.0	5.6	2.3	7.9
Feb.	3.2	*0.9	4.1	2.9	*1.3	4.3	6.1	2.2	8.3
Mar.	3.4	*0.8	4.2	2.6	*1.1	3.7	6.0	*1.9	7.9
Apr.	3.7	*0.9	4.6	2.6	*0.9	3.5	6.3	*1.8	8.1
May	3.6	*0.7	4.3	2.8	*1.2	4.0	6.4	*1.9	8.3
June	3.1	*0.6	3.7	2.7	*1.2	3.9	5.8	*1.8	7.6
July	3.3	*0.4	3.6	2.3	*1.3	3.6	5.6	*1.7	7.3
Aug.	2.8	*0.5	3.3	3.0	*0.9	3.9	5.9	*1.4	7.3
Sept.	2.9	*0.8	3.7	3.3	*0.7	4.1	6.3	*1.5	7.8
Oct.	3.0	*0.4	3.3	3.1	*0.9	4.0	6.1	*1.3	7.4
Nov.	3.0	*0.3	3.2	3.8	*0.5	4.4	6.8	*0.8	7.6
TOTAL									
1988 -									
Sept.	346.2	143.1	489.3	26.7	112.2	138.9	373.0	255.3	628.2
Oct.	345.6	145.8	491.4	29.6	110.4	140.0	375.2	256.2	631.4
Nov.	349.2	146.7	495.9	31.2	112.9	144.2	380.4	259.6	640.0
Dec.	346.5	150.2	496.7	32.5	114.1	146.6	379.0	264.2	643.3
1989 -									
Jan.	344.8	145.2	489.9	30.3	111.1	141.4	375.1	256.3	631.3
Feb.	351.1	144.1	495.2	29.5	118.6	148.0	380.5	262.7	643.2
Mar.	349.3	149.3	498.6	32.7	123.4	156.2	382.0	272.8	654.8
Apr.	350.5	150.2	500.7	32.3	120.0	152.3	382.8	270.2	652.9
May	350.4	147.8	498.2	29.5	121.2	150.6	379.9	269.0	648.9
June	351.5	143.9	495.4	30.7	122.4	153.1	382.2	266.3	648.5
July	355.9	151.1	507.0	26.6	114.0	140.6	382.5	265.1	647.5
Aug.	353.4	147.7	501.1	30.9	123.5	154.4	384.2	271.2	655.4
Sept.	356.6	147.4	503.9	34.0	123.8	157.8	390.6	271.1	661.8
Oct.	352.0	150.4	502.3	33.3	116.0	149.3	385.3	266.3	651.6
Nov.	354.6	150.6	505.1	34.8	115.7	150.5	389.4	266.2	655.6



**TABLE 6 - EMPLOYED PERSONS : STATUS OF WORKER, SOUTH AUSTRALIA**  
(<sup>'000</sup>)

Month	Wage and salary earners			Employers and self-employed			Total (a)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1988 -									
Aug.	291.9	213.7	505.6	69.7	35.3	105.0	364.9	252.9	617.9
Nov.	307.8	220.8	528.6	71.1	35.9	107.0	380.4	259.6	640.0
1989 -									
Feb.	308.6	221.1	529.8	70.4	38.3	108.7	380.5	262.7	643.2
May	310.8	232.0	542.8	65.3	34.3	99.6	379.9	269.0	648.9
Aug.	312.8	235.0	547.8	69.4	34.0	103.5	384.2	271.2	655.4
Nov.	319.1	234.3	553.5	67.4	29.2	96.6	389.4	266.2	655.6

(a) Includes unpaid family helpers.

**TABLE 7 - EMPLOYED PERSONS : OCCUPATION MAJOR GROUP (a), SOUTH AUSTRALIA**  
(<sup>'000</sup>)

Occupation major group	1988			1989		
	Aug.	Nov.	Feb.	May	Aug.	Nov.
MALES						
Managers and administrators	61.9	63.1	63.9	60.8	60.7	61.6
Professionals	41.1	45.3	48.0	47.3	45.9	45.7
Para-professionals	23.6	23.6	24.2	24.5	23.8	20.9
Tradespersons	88.6	92.7	90.1	91.3	98.8	96.9
Clerks	19.3	23.5	26.0	26.4	22.4	21.7
Salespersons and personal service workers	29.7	28.6	29.3	30.7	32.6	37.0
Plant and machine operators, and drivers	43.2	40.3	36.3	35.9	41.4	45.2
Labourers and related workers	57.5	57.3	62.7	63.1	58.6	60.4
Total	364.9	380.4	380.5	379.9	384.2	389.4
FEMALES						
Managers and administrators	20.2	20.3	23.6	24.4	23.3	19.4
Professionals	29.5	28.7	30.3	31.0	28.3	30.3
Para-professionals	19.3	17.7	18.6	17.3	18.2	17.3
Tradespersons	9.5	9.0	10.0	11.5	12.6	12.9
Clerks	72.2	75.0	75.6	80.1	79.4	78.6
Salespersons and personal service workers	57.8	60.9	58.5	55.8	58.0	61.2
Plant and machine operators, and drivers	8.5	7.8	7.3	7.9	10.1	8.7
Labourers and related workers	35.9	38.7	38.9	41.1	41.3	37.7
Total	252.9	259.6	262.7	269.0	271.2	266.2
PERSONS						
Managers and administrators	82.1	83.4	87.5	85.2	84.0	81.0
Professionals	70.6	74.0	78.3	78.3	74.2	76.0
Para-professionals	42.9	41.2	42.8	41.8	42.0	38.2
Tradespersons	98.1	101.7	100.1	102.8	111.4	109.8
Clerks	91.5	98.5	101.7	106.5	101.8	100.3
Salespersons and personal service workers	87.5	89.5	87.7	86.5	90.6	98.2
Plant and machine operators, and drivers	51.8	48.1	43.6	43.7	51.5	53.9
Labourers and related workers	93.4	96.1	101.6	104.1	99.9	98.1
Total	617.9	640.0	643.2	648.9	655.4	655.6

(a) Classified according to the Australian Standard Classification of Occupations (ASCO).

TABLE 8 - EMPLOYED PERSONS : INDUSTRY, SOUTH AUSTRALIA  
( '000)

Industry	1988		1989			
	Aug.	Nov.	Feb.	May	Aug.	Nov.
MALES						
Agriculture, forestry, fishing and hunting	31.6	32.5	33.7	34.7	31.8	32.5
Agriculture and services to agriculture	30.0	30.0	31.0	32.2	30.1	30.9
Mining	3.6	4.0	4.0	4.6	5.2	4.0
Manufacturing	81.2	87.2	84.3	84.2	88.9	89.8
Food, beverages and tobacco	11.3	13.7	15.7	14.4	14.2	13.4
Metal Products	15.5	17.4	17.3	14.7	15.0	15.1
Other manufacturing	54.5	56.1	51.3	55.1	59.6	61.3
Electricity, gas and water	9.0	9.8	10.0	10.1	9.0	9.5
Construction	33.2	34.5	35.4	34.1	33.6	33.8
Wholesale trade	28.4	28.8	30.9	26.8	28.1	28.6
Retail trade	44.6	47.6	47.7	44.3	47.0	47.2
Transport and storage	24.1	21.5	18.6	18.9	22.1	25.8
Communication	6.7	7.7	7.0	7.8	9.2	8.9
Finance, property and business services	28.9	28.2	29.3	30.6	32.4	30.8
Public administration and defence	13.4	14.4	14.7	16.8	14.5	14.4
Community services (a)	43.1	45.1	45.8	50.1	47.5	46.8
Recreation, Personal and Other Services	17.1	19.3	19.0	16.7	14.9	17.4
Total	364.9	380.4	380.5	379.9	384.2	389.4
FEMALES						
Agriculture, forestry, fishing and hunting	13.2	13.3	14.6	16.3	15.2	11.5
Agriculture and services to agriculture	12.5	13.1	14.5	15.7	15.1	11.4
Mining	*0.1	*0.2	*0.3	*0.2	*0.1	*0.2
Manufacturing	23.6	24.4	23.7	25.6	31.1	30.0
Food, beverages and tobacco	4.0	5.7	6.1	4.9	6.1	6.3
Metal Products	*1.4	*1.6	*1.4	2.2	3.2	3.1
Other manufacturing	18.2	17.1	16.2	18.6	21.9	20.6
Electricity, gas and water	*1.1	*1.3	*1.9	*1.9	*1.4	*0.8
Construction	5.3	5.8	6.0	5.1	4.5	4.8
Wholesale trade	11.1	11.1	11.4	10.0	11.9	10.2
Retail trade	45.4	47.0	50.7	46.8	47.8	47.9
Transport and storage	4.4	4.8	4.8	5.3	5.8	6.0
Communication	*1.9	2.5	2.3	2.5	3.3	2.6
Finance, property and business services	29.1	30.2	31.4	31.4	30.4	32.3
Public administration and defence	9.6	8.3	8.4	9.6	8.9	8.7
Community services (a)	81.7	83.3	83.9	88.2	85.1	84.4
Recreation, Personal and Other Services	26.6	27.6	23.5	25.8	25.4	26.7
Total	252.9	259.6	262.7	269.0	271.2	266.2
PERSONS						
Agriculture, forestry, fishing and hunting	44.8	45.8	48.3	51.1	47.1	44.1
Agriculture and services to agriculture	42.6	43.0	45.5	47.9	45.2	42.3
Mining	3.7	4.3	4.2	4.8	5.3	4.3
Manufacturing	104.8	111.5	108.1	109.9	120.0	119.8
Food, beverages and tobacco	15.3	19.3	21.8	19.3	20.3	19.6
Metal Products	16.9	19.0	18.8	16.9	18.2	18.3
Other manufacturing	72.7	73.2	67.5	73.7	81.5	81.9
Electricity, gas and water	10.1	11.0	11.9	12.1	10.4	10.3
Construction	38.4	40.3	41.4	39.3	38.1	38.6
Wholesale trade	39.5	39.9	42.3	36.8	40.0	38.8
Retail trade	89.9	94.5	98.4	91.2	94.9	95.1
Transport and storage	28.5	26.2	23.4	24.1	27.9	31.7
Communication	8.6	10.2	9.3	10.3	12.5	11.5
Finance, property and business services	57.9	58.3	60.7	62.0	62.8	63.1
Public administration and defence	23.0	22.6	23.1	26.4	23.5	23.1
Community services (a)	124.8	128.4	129.7	138.3	132.7	131.2
Recreation, Personal and Other Services	43.7	46.9	42.5	42.6	40.3	44.1
Total	617.9	640.0	643.2	648.9	655.4	655.6

(a) Comprises health; education, libraries etc.; welfare and religious institutions; other community services.

TABLE 9 - EMPLOYED PERSONS : AVERAGE WEEKLY HOURS WORKED BY INDUSTRY, SOUTH AUSTRALIA  
(Hours)

Industry	1988		1989			
	Aug.	Nov.	Feb.	May	Aug.	Nov.
MALES						
Agriculture, forestry, fishing and hunting	43.0	50.8	44.4	47.3	40.6	44.4
Agriculture and services to agriculture	43.1	50.6	44.5	48.6	40.8	44.7
Mining	33.0	40.1	41.6	38.2	38.8	40.5
Manufacturing	39.6	38.9	36.9	40.2	39.9	38.6
Food, Beverages and Tobacco	35.9	38.2	36.3	39.5	39.7	39.3
Metal products	40.9	40.0	37.3	39.7	38.1	38.2
Other manufacturing	40.0	38.8	36.9	40.6	40.4	38.5
Electricity, gas and water	35.1	38.0	36.4	37.6	36.4	35.4
Construction	37.0	40.8	36.3	38.7	39.4	41.5
Wholesale trade	41.7	40.8	39.2	41.3	41.3	39.2
Retail trade	42.4	40.4	40.7	40.4	39.1	39.1
Transport and storage	41.5	43.8	38.9	40.9	41.3	41.4
Communication	34.6	35.4	27.2	34.0	35.0	35.1
Finance, property and business services	42.4	39.9	37.7	40.6	40.1	40.0
Public administration and defence	35.7	36.6	33.4	37.6	37.1	36.1
Community Services (a)	38.7	39.1	36.3	38.0	37.8	37.8
Recreation, personal and other services	36.4	37.7	37.3	36.9	37.0	40.2
Total	39.8	40.6	38.0	40.1	39.3	39.5
FEMALES						
Agriculture, forestry, fishing and hunting	26.5	26.1	26.9	25.8	21.9	24.8
Agriculture and services to agriculture	27.0	26.1	27.1	26.7	22.0	25.1
Mining	*36.9	*41.1	*20.9	*36.3	*36.9	*33.3
Manufacturing	31.0	31.7	29.3	32.6	33.2	31.8
Food, Beverages and Tobacco	29.6	29.2	25.1	31.3	31.1	27.9
Metal products	*29.6	*29.1	*31.5	31.3	29.2	31.6
Other manufacturing	31.5	32.8	30.7	33.1	34.4	33.0
Electricity, gas and water	*25.1	*35.2	*31.9	*34.8	*38.9	*31.4
Construction	19.6	19.3	18.2	19.9	17.5	23.5
Wholesale trade	29.2	32.4	31.2	30.0	28.9	34.6
Retail trade	25.7	27.0	26.4	26.6	25.0	26.7
Transport and storage	30.0	31.0	25.6	31.0	30.5	29.8
Communication	*24.8	27.4	28.7	35.4	31.5	29.9
Finance, property and business services	29.1	28.2	26.7	30.3	29.3	30.2
Public administration and defence	33.3	32.1	30.5	33.1	32.5	35.3
Community Services (a)	29.1	28.5	26.9	28.4	27.4	27.8
Recreation, personal and other services	25.5	27.8	25.3	25.0	24.7	24.7
Total	28.1	28.5	27.0	28.5	27.5	28.4
PERSONS						
Agriculture, forestry, fishing and hunting	38.2	43.6	39.1	40.4	34.5	39.2
Agriculture and services to agriculture	38.4	43.2	39.0	41.4	34.5	39.4
Mining	33.1	40.2	40.4	38.1	38.8	40.1
Manufacturing	37.7	37.4	35.2	38.4	38.2	36.9
Food, Beverages and Tobacco	34.3	35.5	33.1	37.4	37.1	35.6
Metal products	40.0	39.1	36.9	38.6	36.6	37.1
Other manufacturing	37.8	37.4	35.5	38.7	38.8	37.1
Electricity, gas and water	34.0	37.6	35.7	37.2	36.7	35.1
Construction	34.6	37.7	33.6	36.3	36.8	39.2
Wholesale trade	38.2	38.4	37.1	38.2	37.6	38.0
Retail trade	34.0	33.7	33.3	33.3	32.0	32.8
Transport and storage	39.7	41.4	36.2	38.8	39.0	39.3
Communication	32.4	33.4	27.6	34.3	34.1	33.9
Finance, property and business services	35.7	33.9	32.0	35.4	34.9	35.0
Public administration and defence	34.7	35.0	32.3	36.0	35.3	35.8
Community Services (a)	32.4	32.2	30.2	31.9	31.1	31.4
Recreation, personal and other services	29.8	31.9	30.7	29.7	29.3	30.8
Total	35.0	35.7	33.5	35.3	34.5	35.0

(a) Comprises health; education, libraries etc.; welfare and religious institutions; other community services.

TABLE 10 - UNEMPLOYED PERSONS : AGE GROUP, SOUTH AUSTRALIA  
( '000)

Month	Age group (years)						Total
	15-19	20-24	25-34	35-44	45-54	55 & over	
	MALES						
1988 -							
Sept.	8.1	6.5	7.9	5.1	3.1	3.2	33.9
Oct.	6.0	5.3	7.9	5.7	2.7	3.5	31.0
Nov.	5.1	6.6	6.8	4.6	2.8	2.7	28.7
Dec.	7.9	6.0	8.6	4.8	2.7	2.9	33.1
1989 -							
Jan.	9.2	6.1	10.1	5.4	3.5	3.1	37.4
Feb.	6.6	5.8	9.2	5.8	3.1	3.2	33.7
Mar.	5.4	5.8	8.6	4.8	3.0	2.7	30.3
Apr.	5.5	5.6	9.4	4.4	3.2	2.4	30.6
May	5.9	6.0	8.5	5.7	4.3	2.9	33.3
June	4.5	5.7	8.0	4.4	3.0	2.8	28.5
July	6.3	5.5	8.0	5.3	3.6	3.1	31.7
Aug.	4.9	4.8	8.4	4.5	2.8	2.4	27.8
Sept.	4.1	4.3	7.8	3.7	3.0	3.2	26.2
Oct.	4.2	5.2	7.4	3.6	2.7	3.7	26.9
Nov.	5.0	6.3	7.4	2.6	3.6	4.4	29.3
FEMALES							
1988 -							
Sept.	7.0	5.7	5.8	3.8	2.2	*0.8	25.2
Oct.	6.1	4.8	5.9	3.7	*1.6	*0.6	22.7
Nov.	5.3	3.5	5.5	3.5	*1.6	*0.9	20.3
Dec.	7.9	3.7	5.8	3.4	*1.5	*0.6	22.9
1989 -							
Jan.	6.8	5.4	4.4	3.8	2.2	*1.2	23.9
Feb.	7.4	5.1	5.8	5.3	2.1	*0.9	26.6
Mar.	4.9	4.1	5.1	4.1	*1.5	*0.4	20.2
Apr.	6.3	4.3	4.8	3.5	*1.3	*0.2	20.3
May	6.2	3.9	5.2	3.6	*2.1	*0.7	21.7
June	6.2	2.6	5.1	4.1	2.4	*0.3	20.8
July	5.7	4.0	4.2	3.7	*1.9	*0.6	20.1
Aug.	6.1	3.4	4.5	3.2	*1.1	*0.2	18.4
Sept.	6.9	4.5	4.1	3.0	*1.5	*0.1	20.2
Oct.	7.2	4.4	4.7	3.1	*1.9	*0.2	21.6
Nov.	5.6	2.9	5.3	3.7	2.1	*0.3	20.0
PERSONS							
1988 -							
Sept.	15.1	12.2	13.7	8.9	5.3	4.0	59.2
Oct.	12.2	10.0	13.7	9.3	4.3	4.1	53.7
Nov.	10.4	10.2	12.4	8.1	4.5	3.5	49.0
Dec.	15.9	9.7	14.4	8.3	4.2	3.5	55.9
1989 -							
Jan.	16.0	11.5	14.6	9.1	5.8	4.3	61.3
Feb.	14.0	10.9	15.0	11.1	5.1	4.1	60.2
Mar.	10.3	9.9	13.7	8.9	4.5	3.1	50.5
Apr.	11.8	10.0	14.1	7.9	4.5	2.6	50.9
May	12.2	9.9	13.7	9.3	6.4	3.6	55.0
June	10.7	8.3	13.1	8.5	5.4	3.2	49.3
July	12.0	9.4	12.2	9.1	5.6	3.6	51.8
Aug.	11.0	8.2	12.8	7.7	4.0	2.6	46.3
Sept.	11.0	8.8	11.9	6.7	4.6	3.3	46.4
Oct.	11.4	9.6	12.1	6.7	4.6	4.0	48.4
Nov.	10.6	9.2	12.7	6.3	5.7	4.7	49.3

TABLE 11 - UNEMPLOYED PERSONS : UNEMPLOYMENT RATES BY AGE GROUP, SOUTH AUSTRALIA  
(Per cent)

Month	Age group (years)						Total
	15-19	20-24	25-34	35-44	45-54	55 & over	
	MALES						
1988 -							
Sept.	22.4	12.1	7.1	5.2	4.8	7.1	8.3
Oct.	17.1	10.0	6.9	5.8	4.1	7.6	7.6
Nov.	13.9	12.4	6.0	4.7	4.3	6.0	7.0
Dec.	19.0	11.2	7.7	4.9	4.1	6.6	8.0
1989 -							
Jan.	21.3	11.4	9.0	5.5	5.4	7.0	9.1
Feb.	16.8	10.7	8.4	5.8	4.7	6.8	8.1
Mar.	14.0	11.0	7.9	4.8	4.7	5.7	7.4
Apr.	14.8	10.9	8.4	4.5	4.9	5.0	7.4
May	15.8	11.4	7.7	5.8	6.6	5.9	8.0
June	12.7	11.0	7.1	4.4	4.8	5.9	6.9
July	17.3	10.1	7.1	5.3	5.6	6.5	7.7
Aug.	13.8	9.1	7.5	4.5	4.5	5.0	6.8
Sept.	11.2	8.1	6.8	3.7	4.7	6.6	6.3
Oct.	11.9	9.8	6.5	3.6	4.2	8.2	6.5
Nov.	13.4	11.5	6.6	2.6	5.4	9.3	7.0
FEMALES							
1988 -							
Sept.	19.5	12.9	7.9	5.3	5.3	*5.3	9.0
Oct.	17.4	10.9	8.1	5.0	*4.2	*4.0	8.1
Nov.	14.9	8.3	7.5	4.7	*4.1	*5.6	7.3
Dec.	20.1	8.4	7.6	4.6	*3.7	*4.0	8.0
1989 -							
Jan.	17.8	12.5	6.1	5.3	5.8	*7.7	8.5
Feb.	19.2	11.7	7.7	7.2	5.1	*5.1	9.2
Mar.	13.6	9.4	6.6	5.3	*3.5	*2.6	6.9
Apr.	17.1	10.2	6.1	4.5	*3.0	*1.5	7.0
May	17.2	9.3	6.7	4.7	*5.1	*4.0	7.5
June	17.4	6.6	6.5	5.4	5.6	*2.2	7.2
July	16.5	9.4	5.6	5.0	*4.5	*3.6	7.0
Aug.	17.2	8.0	5.8	4.2	*2.6	*1.5	6.4
Sept.	20.3	10.6	5.4	3.8	*3.6	*0.8	6.9
Oct.	20.6	10.4	6.0	4.1	*4.5	*1.7	7.5
Nov.	16.3	7.4	6.8	4.8	5.0	*1.8	7.0
PERSONS							
1988 -							
Sept.	21.0	12.5	7.4	5.3	5.0	6.7	8.6
Oct.	17.3	10.4	7.4	5.5	4.1	6.7	7.8
Nov.	14.4	10.6	6.6	4.7	4.2	5.9	7.1
Dec.	19.5	9.9	7.7	4.8	3.9	6.0	8.0
1989 -							
Jan.	19.6	11.9	7.8	5.4	5.6	7.2	8.9
Feb.	18.0	11.1	8.1	6.4	4.9	6.4	8.6
Mar.	13.8	10.3	7.4	5.0	4.2	4.9	7.2
Apr.	15.9	10.6	7.4	4.5	4.2	4.2	7.2
May	16.5	10.5	7.3	5.3	6.0	5.4	7.8
June	15.1	9.1	6.9	4.8	5.1	5.0	7.1
July	16.9	9.8	6.5	5.2	5.2	5.8	7.4
Aug.	15.5	8.6	6.8	4.3	3.7	4.1	6.6
Sept.	15.6	9.2	6.2	3.8	4.3	5.1	6.6
Oct.	16.2	10.1	6.3	3.8	4.3	6.6	6.9
Nov.	14.8	9.8	6.6	3.6	5.2	7.6	7.0

**TABLE 12 - UNEMPLOYED PERSONS : DURATION OF UNEMPLOYMENT, SOUTH AUSTRALIA**

Month	Number unemployed ('000)							Total	Average duration of unemployment (weeks)	
	Under 4 weeks	4 & under 13 weeks	13 & under 26 weeks	26 & under 39 weeks	39 & under 52 weeks	52 & under 104 weeks	104 weeks & over		Mean	Median
	MALES									
1988 -										
Sept.	4.5	6.9	4.9	3.6	*1.5	3.6	8.9	33.9	74.1	26
Oct.	3.2	6.5	3.6	3.7	*1.5	3.9	8.2	31.0	78.5	28
Nov.	2.4	4.3	5.2	3.5	2.3	4.2	6.4	28.7	73.9	30
Dec.	8.0	4.7	4.0	2.4	2.4	4.6	6.5	33.1	57.8	21
1989 -										
Jan.	6.7	9.1	4.1	2.4	2.2	5.2	7.1	37.4	55.8	17
Feb.	3.3	7.7	4.2	3.4	*1.8	4.6	8.5	33.7	62.7	27
Mar.	3.9	5.2	4.7	3.0	*1.2	4.7	7.7	30.3	75.6	30
Apr.	3.4	5.5	5.4	3.0	*1.1	4.2	7.9	30.6	73.1	26
May	4.5	5.7	5.9	2.5	*1.0	4.0	9.7	33.3	87.2	26
June	3.5	6.2	3.2	3.1	*1.2	2.8	8.6	28.5	88.1	28
July	4.6	5.8	3.6	5.5	*1.2	3.9	7.2	31.7	71.7	27
Aug.	3.6	4.9	3.4	4.4	*1.3	3.3	6.7	27.8	80.9	31
Sept.	2.6	3.8	3.0	3.3	2.3	3.6	7.6	26.2	93.5	39
Oct.	3.4	3.8	3.7	3.2	3.1	2.6	7.0	26.9	83.4	33
Nov.	3.0	5.6	3.2	4.2	2.7	3.1	7.6	29.3	77.0	30
FEMALES										
1988 -										
Sept.	5.0	3.8	2.9	4.0	*1.6	3.1	4.8	25.2	53.1	26
Oct.	5.2	3.8	2.6	3.4	2.4	2.5	2.6	22.7	42.0	20
Nov.	4.8	3.8	2.3	3.1	*1.9	1.9	2.5	20.3	38.0	16
Dec.	6.3	5.0	2.2	2.1	2.1	2.4	2.5	22.9	35.8	12
1989 -										
Jan.	6.0	7.1	*1.7	2.4	*1.2	2.5	2.8	23.9	38.3	8
Feb.	6.1	9.4	2.0	2.0	*1.8	2.6	2.6	26.6	31.5	9
Mar.	3.7	6.6	3.3	*1.2	*0.7	2.2	2.5	20.2	38.7	11
Apr.	4.8	5.8	4.1	*0.9	*1.0	1.2	2.4	20.3	34.5	10
May	6.3	5.1	4.5	*1.7	*0.4	2.2	*1.4	21.7	27.2	10
June	4.5	5.7	3.8	2.6	*0.8	1.6	*1.8	20.8	32.1	12
July	4.4	4.1	3.7	3.7	*0.7	1.8	*1.8	20.1	37.0	15
Aug.	3.5	3.3	3.8	3.0	*0.9	2.0	*1.9	18.4	36.0	18
Sept.	3.7	4.6	2.8	4.0	*1.5	2.1	*1.5	20.2	35.1	18
Oct.	4.1	5.8	2.8	3.0	2.3	2.5	*1.0	21.6	28.8	13
Nov.	4.7	3.5	*1.8	2.7	3.0	2.3	*2.1	20.0	37.4	25
PERSONS										
1988 -										
Sept.	9.5	10.7	7.8	7.6	3.1	6.8	13.7	59.2	65.1	26
Oct.	8.4	10.3	6.2	7.1	3.9	6.4	10.8	53.7	63.0	25
Nov.	7.1	8.2	7.5	6.6	4.2	6.1	8.8	49.0	59.0	26
Dec.	14.3	9.7	6.2	4.5	4.5	7.0	9.0	55.9	48.8	16
1989 -										
Jan.	12.6	16.1	5.8	4.8	3.5	7.7	9.9	61.3	49.0	14
Feb.	9.5	17.1	6.3	5.4	3.6	7.2	11.1	60.2	48.9	16
Mar.	7.5	11.7	8.0	4.2	*1.9	6.9	10.1	50.5	60.9	19
Apr.	8.2	11.3	9.5	3.9	2.2	5.4	10.3	50.9	57.7	17
May	10.8	10.7	10.5	4.2	*1.4	6.2	11.1	55.0	63.5	18
June	8.0	11.8	7.1	5.6	*2.0	4.4	10.4	49.3	64.5	20
July	9.0	9.9	7.2	9.1	*1.9	5.8	8.9	51.8	58.2	23
Aug.	7.1	8.2	7.2	7.5	2.3	5.3	8.7	46.3	63.0	25
Sept.	6.3	8.3	5.8	7.3	3.8	5.7	9.0	46.4	68.0	28
Oct.	7.6	9.5	6.5	6.2	5.4	5.1	8.1	48.4	59.0	25
Nov.	7.6	9.1	5.0	6.9	5.7	5.4	9.6	49.3	60.9	28

TABLE 13 - UNEMPLOYED PERSONS : NUMBER AND RATE BY BIRTHPLACE, SOUTH AUSTRALIA

Month	Unemployed			Unemployment rate		
	Males '000	Females '000	Persons '000	Males per cent	Females per cent	Persons per cent
BORN IN AUSTRALIA						
1988 -						
Sept.	22.3	18.8	41.1	7.7	9.0	8.2
Oct.	20.4	17.8	38.2	7.0	8.5	7.6
Nov.	17.9	15.2	33.1	6.0	7.2	6.5
Dec.	23.0	17.7	40.7	7.7	8.1	7.9
1989 -						
Jan.	27.8	18.6	46.5	9.3	8.8	9.1
Feb.	23.6	20.7	44.2	7.9	9.4	8.5
Mar.	20.7	14.9	35.6	6.9	6.7	6.8
Apr.	22.6	15.5	38.1	7.5	7.1	7.3
May	25.5	15.1	40.6	8.5	6.8	7.8
June	21.2	15.5	36.7	7.2	7.1	7.1
July	24.2	14.6	38.8	8.0	6.7	7.5
Aug.	18.7	13.2	31.9	6.2	6.0	6.1
Sept.	17.4	14.9	32.3	5.7	6.7	6.1
Oct.	19.0	15.5	34.5	6.2	7.1	6.6
Nov.	21.0	14.2	35.1	6.7	6.5	6.6
BORN OUTSIDE AUSTRALIA						
1988 -						
Sept.	11.6	6.4	18.0	10.1	8.9	9.6
Oct.	10.6	4.9	15.5	9.3	7.0	8.4
Nov.	10.8	5.1	15.9	9.6	7.6	8.8
Dec.	10.1	5.2	15.3	8.9	7.4	8.3
1989 -						
Jan.	9.6	5.3	14.9	8.5	7.8	8.2
Feb.	10.1	5.9	16.0	8.8	8.5	8.7
Mar.	9.6	5.3	14.9	8.5	7.5	8.1
Apr.	8.0	4.8	12.8	7.1	6.8	7.0
May	7.8	6.6	14.3	6.9	9.6	7.9
June	7.3	5.3	12.6	6.4	7.6	6.8
July	7.5	5.5	13.0	6.7	8.0	7.2
Aug.	9.1	5.3	14.4	8.4	7.5	8.0
Sept.	8.8	5.3	14.1	8.0	7.6	7.8
Oct.	7.9	6.1	14.0	7.3	8.8	7.9
Nov.	8.3	5.8	14.1	7.7	8.5	8.0



TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER  
(1) ADELAIDE STATISTICAL DIVISION

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Civilian population 15 years and over '000	Unemployment rate per cent	Participation rate per cent
	Full- time workers '000	Total '000	Looking for full- time work '000	Total '000					
MALES									
Nov. 1987	238.1	259.9	23.7	25.2	285.1	108.0	393.1	8.8	72.5
1988 -									
Sept.	250.7	269.2	21.0	22.9	292.0	105.6	397.7	7.8	73.4
Oct.	247.0	270.2	19.5	20.9	291.1	107.0	398.1	7.2	73.1
Nov.	249.6	273.0	17.9	19.2	292.2	106.3	398.5	6.6	73.3
Dec.	247.1	270.9	22.3	24.1	295.0	103.9	398.9	8.2	73.9
1989 -									
Jan.	246.5	268.2	23.2	26.3	294.6	104.9	399.4	8.9	73.7
Feb.	252.7	274.4	20.1	21.7	296.1	103.8	400.0	7.3	74.0
Mar.	249.7	271.9	18.8	21.3	293.2	107.4	400.5	7.3	73.2
Apr.	250.5	273.2	19.0	21.7	294.9	106.2	401.1	7.4	73.5
May	252.8	274.6	20.2	22.6	297.2	104.4	401.7	7.6	74.0
June	253.8	275.4	18.3	20.1	295.5	106.7	402.2	6.8	73.5
July	257.6	276.0	19.4	22.2	298.2	104.4	402.6	7.4	74.1
Aug.	255.4	278.3	17.9	19.6	298.0	105.1	403.0	6.6	73.9
Sept.	255.8	282.1	16.7	18.8	300.9	102.5	403.4	6.2	74.6
Oct.	253.9	278.7	14.3	16.7	295.3	108.5	403.8	5.6	73.1
Nov.	255.4	281.3	15.9	17.8	299.1	105.1	404.2	6.0	74.0
MARRIED FEMALES									
Nov. 1987	52.6	110.1	3.6	5.7	115.8	122.0	237.9	5.0	48.7
1988 -									
Sept.	56.7	115.8	4.5	6.8	122.6	119.1	241.8	5.6	50.7
Oct.	56.5	113.7	3.6	5.6	119.4	118.2	237.6	4.7	50.2
Nov.	56.3	114.0	3.0	5.2	119.2	120.9	240.1	4.4	49.6
Dec.	58.4	114.7	3.1	5.6	120.3	121.8	242.0	4.6	49.7
1989 -									
Jan.	54.8	109.8	3.8	6.3	116.1	127.2	243.2	5.4	47.7
Feb.	55.6	115.8	4.3	8.1	123.9	121.9	245.9	6.5	50.4
Mar.	56.9	120.0	3.3	5.2	125.2	118.0	243.2	4.2	51.5
Apr.	57.5	118.3	*1.8	4.4	122.7	117.6	240.3	3.6	51.0
May	58.3	120.2	3.7	6.3	126.5	117.3	243.9	5.0	51.9
June	58.4	121.1	3.6	6.0	127.1	120.6	247.7	4.7	51.3
July	60.6	119.6	3.6	5.9	125.5	119.9	245.4	4.7	51.1
Aug.	61.9	124.2	3.3	5.5	129.7	114.7	244.3	4.2	53.1
Sept.	61.9	123.6	3.0	5.1	128.6	113.0	241.6	3.9	53.2
Oct.	60.3	119.9	3.1	5.4	125.3	117.6	242.9	4.3	51.6
Nov.	64.7	122.9	3.3	5.4	128.3	117.9	246.2	4.2	52.1

TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER  
(1) ADELAIDE STATISTICAL DIVISION —continued

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Civilian population 15 years and over '000	Unemployment rate per cent	Participation rate per cent
	Full- time workers '000	Total '000	Looking for full- time work '000	Total '000					
ALL FEMALES									
Nov. 1987	101.9	182.2	12.7	17.0	199.2	217.8	417.1	8.6	47.8
1988 -									
Sept.	109.2	190.4	12.8	17.8	208.3	213.3	421.5	8.6	49.4
Oct.	110.3	189.7	11.1	16.8	206.5	215.5	422.0	8.1	48.9
Nov.	111.3	190.8	10.3	15.6	206.4	216.0	422.4	7.5	48.9
Dec.	115.0	195.3	11.6	17.9	213.1	209.7	422.8	8.4	50.4
1989 -									
Jan.	110.2	189.8	12.1	17.9	207.7	215.6	423.3	8.6	49.1
Feb.	110.3	196.7	13.1	20.4	217.1	206.6	423.7	9.4	51.2
Mar.	112.8	202.9	10.8	15.4	218.4	205.8	424.2	7.1	51.5
Apr.	115.2	201.0	9.6	15.2	216.3	208.4	424.7	7.1	50.9
May	113.5	200.0	11.8	16.7	216.7	208.4	425.1	7.7	51.0
June	110.8	198.5	10.5	15.6	214.1	211.5	425.6	7.3	50.3
July	114.5	196.8	10.6	15.8	212.6	213.0	425.6	7.4	50.0
Aug.	113.9	201.4	10.4	14.6	216.1	209.6	425.7	6.8	50.8
Sept.	113.0	200.0	10.7	15.7	215.7	210.0	425.7	7.3	50.7
Oct.	115.0	198.0	10.8	16.4	214.3	212.0	426.3	7.6	50.3
Nov.	115.4	199.1	10.7	15.1	214.2	212.8	427.0	7.0	50.2
PERSONS									
Nov. 1987	340.0	442.1	36.5	42.3	484.3	325.9	810.2	8.7	59.8
1988 -									
Sept.	359.8	459.6	33.8	40.7	500.3	318.9	819.2	8.1	61.1
Oct.	357.3	459.9	30.6	37.6	497.6	322.5	820.1	7.6	60.7
Nov.	360.9	463.8	28.2	34.8	498.6	322.3	820.9	7.0	60.7
Dec.	362.2	466.2	33.8	41.9	508.1	313.6	821.7	8.3	61.8
1989 -									
Jan.	356.7	458.0	35.2	44.2	502.3	320.5	822.7	8.8	61.0
Feb.	363.0	471.2	33.1	42.1	513.3	310.4	823.7	8.2	62.3
Mar.	362.5	474.8	29.5	36.7	511.5	313.2	824.7	7.2	62.0
Apr.	365.8	474.2	28.6	37.0	511.2	314.6	825.8	7.2	61.9
May	366.3	474.6	32.0	39.3	513.9	312.9	826.8	7.6	62.2
June	364.5	473.9	28.8	35.7	509.6	318.2	827.8	7.0	61.6
July	372.1	472.8	30.1	38.0	510.8	317.5	828.3	7.4	61.7
Aug.	369.3	479.7	28.3	34.3	514.0	314.7	828.7	6.7	62.0
Sept.	368.8	482.1	27.4	34.4	516.6	312.5	829.1	6.7	62.3
Oct.	368.8	476.7	25.1	33.0	509.7	320.5	830.2	6.5	61.4
Nov.	370.7	480.5	26.6	32.9	513.3	317.9	831.2	6.4	61.8

TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER—continued  
(2) NORTHERN ADELAIDE

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full- time work '000	Total '000				
MALES								
1988 -								
Sept.	77.4	82.5	8.5	8.9	91.4	24.5	9.8	78.8
Oct.	77.0	83.0	7.9	8.3	91.3	26.9	9.1	77.2
Nov.	76.9	82.7	8.5	8.8	91.5	26.7	9.7	77.4
Dec.	76.2	82.6	8.8	9.0	91.6	27.7	9.8	76.8
1989 -								
Jan.	75.3	80.7	8.4	9.2	89.9	30.7	10.3	74.6
Feb.	75.9	81.2	6.5	7.2	88.4	29.3	8.1	75.1
Mar.	73.7	78.8	6.6	7.4	86.2	30.1	8.6	74.1
Apr.	73.5	79.0	7.1	7.6	86.6	30.5	8.8	73.9
May	75.3	79.3	7.0	7.8	87.1	29.9	8.9	74.4
June	74.2	79.3	7.2	7.9	87.2	30.6	9.1	74.1
July	76.1	80.6	7.0	7.5	88.0	28.7	8.5	75.4
Aug.	75.8	81.2	6.8	7.8	89.0	27.8	8.8	76.2
Sept.	76.4	82.9	5.7	6.2	89.2	26.3	7.0	77.2
Oct.	75.8	82.4	5.3	5.9	88.3	28.3	6.7	75.7
Nov.	78.1	84.6	5.5	6.4	91.0	26.3	7.0	77.6
FEMALES								
1988 -								
Sept.	31.4	56.2	4.5	6.0	62.2	58.1	9.6	51.7
Oct.	31.5	54.4	3.9	5.4	59.7	58.4	9.0	50.6
Nov.	30.8	53.6	3.6	5.1	58.7	58.8	8.6	50.0
Dec.	30.6	53.6	4.0	5.8	59.5	56.8	9.8	51.2
1989 -								
Jan.	30.4	50.9	4.5	6.1	57.0	61.1	10.7	48.3
Feb.	30.2	53.6	4.5	6.9	60.6	55.7	11.4	52.1
Mar.	30.4	55.6	4.3	6.5	62.1	54.9	10.4	53.1
Apr.	30.9	54.5	3.7	5.1	59.6	57.2	8.5	51.0
May	31.3	55.9	4.0	5.0	60.9	54.3	8.2	52.8
June	32.4	56.5	4.6	5.9	62.4	54.9	9.5	53.2
July	32.7	55.6	3.8	5.5	61.1	55.5	9.0	52.4
Aug.	33.7	59.8	3.6	4.5	64.2	56.2	7.0	53.3
Sept.	33.2	60.0	4.2	5.5	65.5	54.0	8.3	54.8
Oct.	33.5	58.4	4.0	6.3	64.7	56.6	9.7	53.3
Nov.	35.5	60.3	3.6	5.2	65.5	56.6	7.9	53.7
PERSONS								
1988 -								
Sept.	108.8	138.7	13.0	14.9	153.6	82.6	9.7	65.0
Oct.	108.5	137.3	11.8	13.7	151.0	85.3	9.0	63.9
Nov.	107.7	136.3	12.0	13.9	150.2	85.5	9.3	63.7
Dec.	106.9	136.2	12.8	14.8	151.1	84.5	9.8	64.1
1989 -								
Jan.	105.7	131.7	13.0	15.3	147.0	91.8	10.4	61.5
Feb.	106.1	134.9	11.0	14.1	149.0	85.0	9.5	63.7
Mar.	104.1	134.4	10.9	13.9	148.3	85.1	9.4	63.6
Apr.	104.4	133.5	10.8	12.7	146.2	87.8	8.7	62.5
May	106.5	135.2	11.0	12.8	147.9	84.2	8.6	63.7
June	106.6	135.8	11.8	13.9	149.7	85.5	9.3	63.6
July	108.8	136.2	10.8	13.0	149.1	84.2	8.7	63.9
Aug.	109.4	141.0	10.4	12.3	153.3	84.0	8.0	64.6
Sept.	109.6	143.0	9.9	11.7	154.7	80.3	7.6	65.8
Oct.	109.3	140.8	9.4	12.2	153.0	84.9	8.0	64.3
Nov.	113.7	144.9	9.1	11.6	156.5	82.9	7.4	65.4

TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER—continued  
(3) WESTERN ADELAIDE

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full- time work '000	Total '000				
MALES								
1988 -								
Sept.	53.9	56.8	6.4	6.6	63.4	28.3	10.5	69.2
Oct.	52.6	57.3	6.0	6.4	63.7	28.2	10.1	69.3
Nov.	54.1	58.5	4.7	4.9	63.3	28.9	7.7	68.7
Dec.	53.5	56.4	6.1	6.5	62.9	28.2	10.3	69.1
1989 -								
Jan.	52.2	56.3	6.2	6.7	62.9	27.3	10.6	69.7
Feb.	52.2	56.3	6.2	6.7	63.0	28.8	10.6	68.6
Mar.	52.5	57.6	5.3	5.7	63.3	29.5	9.0	68.2
Apr.	53.4	58.2	5.8	5.9	64.1	29.9	9.2	68.2
May	54.2	58.7	4.8	5.1	63.8	29.1	8.0	68.6
June	55.6	60.0	4.3	4.5	64.5	28.5	7.0	69.3
July	54.5	58.2	5.0	5.7	63.9	29.3	8.9	68.6
Aug.	52.3	57.6	5.5	5.7	63.2	29.2	8.9	68.4
Sept.	54.0	58.7	5.6	6.0	64.7	28.6	9.3	69.3
Oct.	52.6	56.3	4.2	4.7	61.0	31.6	7.7	65.9
Nov.	52.0	56.3	4.7	5.0	61.2	29.0	8.1	67.9
FEMALES								
1988 -								
Sept.	23.6	38.9	2.5	3.4	42.4	51.8	8.0	45.0
Oct.	22.8	39.1	*1.5	2.8	41.9	54.4	6.6	43.5
Nov.	24.9	40.6	2.3	3.8	44.4	52.4	8.6	45.9
Dec.	26.2	41.9	2.1	3.3	45.2	52.3	7.3	46.3
1989 -								
Jan.	25.3	41.9	2.4	3.7	45.6	50.8	8.1	47.3
Feb.	25.5	41.9	2.8	3.9	45.9	50.1	8.6	47.8
Mar.	25.0	41.0	2.0	2.6	43.7	48.9	6.0	47.2
Apr.	25.1	40.5	2.2	4.1	44.6	50.1	9.2	47.1
May	22.7	38.6	2.7	4.3	42.9	51.1	10.1	45.7
June	21.1	38.7	1.9	3.4	42.1	50.4	8.1	45.5
July	22.5	37.8	2.7	3.9	41.7	51.1	9.3	44.9
Aug.	21.8	36.0	3.1	4.1	40.2	47.5	10.3	45.8
Sept.	21.0	35.6	2.5	3.7	39.3	50.3	9.4	43.9
Oct.	21.0	35.0	2.5	3.1	38.1	50.7	8.2	42.9
Nov.	21.7	34.9	2.3	2.8	37.7	51.3	7.5	42.4
PERSONS								
1988 -								
Sept.	77.5	95.8	8.9	10.0	105.8	80.1	9.5	56.9
Oct.	75.4	96.4	7.5	9.2	105.6	82.7	8.7	56.1
Nov.	79.0	99.1	7.0	8.7	107.7	81.3	8.1	57.0
Dec.	79.7	98.3	8.2	9.8	108.0	80.4	9.0	57.3
1989 -								
Jan.	77.5	98.1	8.6	10.4	108.5	78.1	9.5	58.1
Feb.	77.8	98.3	9.1	10.6	108.9	78.9	9.8	58.0
Mar.	77.4	98.6	7.4	8.3	107.0	78.4	7.8	57.7
Apr.	78.5	98.6	7.9	10.0	108.6	80.0	9.2	57.6
May	76.9	97.3	7.6	9.4	106.7	80.2	8.8	57.1
June	76.7	98.6	6.2	7.9	106.6	78.9	7.5	57.5
July	77.0	96.0	7.7	9.6	105.6	80.3	9.1	56.8
Aug.	74.1	93.6	8.6	9.8	103.4	76.7	9.5	57.4
Sept.	75.0	94.3	8.1	9.7	104.0	78.9	9.3	56.9
Oct.	73.6	91.3	6.7	7.8	99.1	82.3	7.9	54.6
Nov.	73.7	91.1	7.0	7.8	98.9	80.3	7.9	55.2

TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued  
(4) EASTERN ADELAIDE

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full-time work '000	Total '000				
MALES								
1988 -								
Sept.	46.0	50.2	3.4	3.8	54.0	25.6	7.0	67.8
Oct.	45.7	50.9	2.8	3.2	54.1	25.2	5.9	68.3
Nov.	46.3	51.8	2.4	2.8	54.6	24.2	5.1	69.3
Dec.	45.7	52.0	3.8	4.7	56.6	23.3	8.3	70.8
1989 -								
Jan.	46.8	52.9	4.6	5.7	58.6	21.9	9.8	72.7
Feb.	50.2	55.7	4.2	4.4	60.2	18.7	7.4	76.3
Mar.	50.4	55.7	4.0	4.4	60.2	20.7	7.3	74.4
Apr.	51.9	56.9	2.6	3.8	60.7	19.3	6.2	75.9
May	49.9	55.8	3.9	4.6	60.4	20.4	7.5	74.8
June	52.3	57.5	3.5	3.7	61.2	20.1	6.0	75.3
July	52.1	56.3	3.7	3.9	60.2	21.2	6.5	74.0
Aug.	52.4	57.6	3.3	3.6	61.2	20.8	5.8	74.6
Sept.	50.2	56.2	2.5	3.1	59.3	22.4	5.2	72.6
Oct.	51.3	57.3	2.4	2.9	60.2	23.0	4.8	72.3
Nov.	51.8	58.9	2.8	3.1	62.0	23.6	5.0	72.4
FEMALES								
1988 -								
Sept.	25.9	41.3	2.7	3.6	44.9	45.9	8.0	49.5
Oct.	25.9	42.3	2.8	3.9	46.2	45.4	8.5	50.4
Nov.	26.1	42.4	2.6	3.3	45.7	46.6	7.2	49.5
Dec.	27.3	44.3	2.9	4.5	48.8	44.2	9.3	52.5
1989 -								
Jan.	26.1	42.8	2.4	4.1	46.9	43.8	8.7	51.7
Feb.	24.7	43.0	2.3	4.0	47.1	43.8	8.6	51.8
Mar.	26.2	45.1	2.1	2.8	47.9	44.4	5.8	51.9
Apr.	27.5	44.2	*1.5	2.4	46.6	43.5	5.2	51.7
May	26.5	44.3	2.7	3.2	47.5	44.5	6.8	51.6
June	25.4	42.5	2.0	2.4	45.0	45.5	5.4	49.7
July	25.7	41.5	2.0	2.6	44.1	46.1	5.8	48.9
Aug.	25.7	43.2	2.0	2.9	46.1	44.5	6.2	50.9
Sept.	24.7	41.1	2.1	2.9	44.0	45.1	6.5	49.4
Oct.	27.1	43.8	2.3	3.1	46.9	45.3	6.6	50.8
Nov.	25.8	42.7	2.1	2.7	45.4	44.4	6.0	50.6
PERSONS								
1988 -								
Sept.	71.8	91.5	6.1	7.4	98.9	71.5	7.5	58.0
Oct.	71.6	93.2	5.6	7.1	100.3	70.6	7.1	58.7
Nov.	72.4	94.2	5.0	6.0	100.3	70.8	6.0	58.6
Dec.	73.0	96.3	6.7	9.2	105.5	67.5	8.7	61.0
1989 -								
Jan.	72.9	95.7	7.0	9.8	105.4	65.7	9.3	61.6
Feb.	74.9	98.7	6.5	8.5	107.2	62.5	7.9	63.2
Mar.	76.6	100.9	6.1	7.2	108.1	65.1	6.7	62.4
Apr.	79.4	101.1	4.1	6.2	107.3	62.8	5.8	63.1
May	76.4	100.1	6.6	7.8	107.9	64.9	7.2	62.4
June	77.6	100.0	5.5	6.1	106.1	65.6	5.8	61.8
July	77.8	97.8	5.7	6.5	104.3	67.3	6.2	60.8
Aug.	78.1	100.8	5.3	6.4	107.2	65.3	6.0	62.2
Sept.	74.9	97.3	4.7	5.9	103.2	67.5	5.8	60.5
Oct.	78.4	101.1	4.7	6.0	107.1	68.4	5.6	61.0
Nov.	77.7	101.6	5.0	5.8	107.4	68.0	5.4	61.2

TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER—continued  
(5) SOUTHERN ADELAIDE

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full- time work '000	Total '000				
MALES								
1988 -								
Sept.	73.4	79.7	2.7	3.5	83.2	27.3	4.2	75.3
Oct.	71.6	79.0	2.7	3.0	81.9	26.7	3.6	75.4
Nov.	72.3	80.0	2.4	2.7	82.7	26.5	3.3	75.7
Dec.	71.8	80.0	3.6	3.9	83.9	24.7	4.7	77.2
1989 -								
Jan.	72.2	78.4	4.0	4.7	83.1	25.0	5.7	76.9
Feb.	74.3	81.2	3.2	3.4	84.6	27.1	4.0	75.7
Mar.	73.2	79.8	2.9	3.8	83.5	27.0	4.5	75.6
Apr.	71.7	79.1	3.5	4.4	83.5	26.4	5.3	76.0
May	73.4	80.8	4.4	5.2	86.0	25.0	6.0	77.5
June	71.7	78.6	3.3	4.0	82.6	27.5	4.8	75.0
July	74.9	81.0	3.8	5.0	86.0	25.3	5.9	77.3
Aug.	74.8	81.9	2.2	2.6	84.5	27.2	3.1	75.6
Sept.	75.2	84.3	2.9	3.5	87.8	25.2	4.0	77.7
Oct.	74.1	82.7	2.4	3.1	85.8	25.6	3.6	77.0
Nov.	73.4	81.5	2.9	3.4	84.9	26.2	4.0	76.4
FEMALES								
1988 -								
Sept.	28.3	53.9	3.0	4.8	58.8	57.4	8.2	50.6
Oct.	30.2	54.0	3.0	4.7	58.7	57.2	8.0	50.6
Nov.	29.5	54.2	1.8	3.4	57.6	58.3	5.9	49.7
Dec.	30.9	55.5	2.6	4.2	59.6	56.5	7.0	51.4
1989 -								
Jan.	28.4	54.2	2.7	4.1	58.3	59.9	7.0	49.3
Feb.	29.9	58.2	3.4	5.5	63.7	57.0	8.7	52.8
Mar.	31.2	61.1	2.3	3.6	64.7	57.6	5.5	52.9
Apr.	31.7	61.9	2.2	3.7	65.5	57.5	5.6	53.3
May	33.1	61.3	2.4	4.1	65.4	58.5	6.3	52.8
June	31.9	60.9	2.0	3.8	64.6	60.7	5.8	51.6
July	33.6	61.9	2.1	3.9	65.8	60.3	5.9	52.2
Aug.	32.8	62.5	1.7	3.1	65.6	61.4	4.8	51.7
Sept.	34.0	63.3	1.8	3.6	66.9	60.7	5.4	52.4
Oct.	33.4	60.8	2.0	3.9	64.7	59.4	6.0	52.1
Nov.	32.3	61.2	2.6	4.3	65.5	60.5	6.6	52.0
PERSONS								
1988 -								
Sept.	101.7	133.6	5.7	8.4	142.0	84.6	5.9	62.7
Oct.	101.8	132.9	5.7	7.7	140.6	84.0	5.5	62.6
Nov.	101.8	134.2	4.2	6.1	140.3	84.8	4.4	62.3
Dec.	102.6	135.4	6.1	8.1	143.5	81.2	5.6	63.9
1989 -								
Jan.	100.6	132.6	6.7	8.8	141.4	84.8	6.2	62.5
Feb.	104.2	139.3	6.6	8.9	148.2	84.1	6.0	63.8
Mar.	104.3	140.9	5.2	7.3	148.2	84.6	4.9	63.7
Apr.	103.5	141.0	5.7	8.1	149.1	84.0	5.4	64.0
May	106.5	142.1	6.9	9.3	151.4	83.5	6.2	64.4
June	103.6	139.5	5.3	7.7	147.2	88.2	5.2	62.5
July	108.5	142.9	5.9	8.9	151.8	85.6	5.9	63.9
Aug.	107.7	144.4	4.0	5.7	150.1	88.6	3.8	62.9
Sept.	109.2	147.6	4.7	7.1	154.7	85.9	4.6	64.3
Oct.	107.5	143.5	4.4	7.0	150.5	84.9	4.6	63.9
Nov.	105.7	142.8	5.5	7.7	150.5	86.6	5.1	63.5

TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued  
(6) BALANCE OF SOUTH AUSTRALIA (EXCLUDES ADELAIDE STATISTICAL DIVISION)

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Civilian population 15 years & over '000	Unemployment rate per cent	Participation rate per cent
	Full- time workers '000	Total '000	Looking for full- time work '000	Total '000					
	MALES								
1988 -									
Sept.	95.6	103.8	10.5	11.1	114.9	35.2	150.0	9.6	76.6
Oct.	98.6	105.0	9.5	10.1	115.1	35.1	150.2	8.8	76.6
Nov.	99.6	107.5	9.2	9.5	116.9	33.4	150.3	8.1	77.8
Dec.	99.4	108.1	8.5	9.0	117.1	33.4	150.5	7.7	77.8
1989 -									
Jan.	98.3	106.8	10.3	11.1	117.9	32.8	150.7	9.4	78.2
Feb.	98.4	106.1	11.4	11.9	118.0	32.9	150.9	10.1	78.2
Mar.	99.6	110.1	8.3	9.1	119.2	32.0	151.1	7.6	78.9
Apr.	99.9	109.6	8.5	8.9	118.5	32.9	151.3	7.5	78.3
May	97.7	105.3	10.0	10.7	115.9	35.6	151.6	9.2	76.5
June	97.7	106.8	8.4	8.4	115.2	36.6	151.8	7.3	75.9
July	98.3	106.5	9.0	9.6	116.1	35.9	151.9	8.2	76.4
Aug.	98.0	105.9	7.8	8.2	114.1	38.0	152.1	7.2	75.0
Sept.	100.7	108.5	7.0	7.4	115.9	36.4	152.3	6.4	76.1
Oct.	98.1	106.6	9.5	10.2	116.8	35.6	152.4	8.7	76.6
Nov.	99.2	108.1	11.0	11.5	119.5	33.0	152.6	9.6	78.4
FEMALES									
1988 -									
Sept.	33.9	64.8	5.4	7.4	72.2	71.2	143.5	10.3	50.3
Oct.	35.5	66.5	3.6	6.0	72.5	71.1	143.6	8.2	50.5
Nov.	35.4	68.8	3.0	4.8	73.5	70.2	143.8	6.5	51.2
Dec.	35.1	69.0	3.1	5.0	74.0	69.9	143.9	6.8	51.4
1989 -									
Jan.	34.9	66.5	4.6	6.0	72.5	71.7	144.1	8.3	50.3
Feb.	33.8	65.9	4.7	6.2	72.1	72.2	144.4	8.6	50.0
Mar.	36.6	69.9	3.4	4.7	74.6	70.0	144.6	6.3	51.6
Apr.	35.0	69.2	3.5	5.0	74.2	70.6	144.8	6.8	51.2
May	34.3	69.0	3.9	5.0	74.0	71.1	145.1	6.8	51.0
June	33.2	67.8	4.0	5.2	73.0	72.3	145.3	7.1	50.2
July	36.6	68.2	3.4	4.3	72.5	73.0	145.5	5.9	49.8
Aug.	33.8	69.8	3.1	3.8	73.6	72.0	145.7	5.2	50.5
Sept.	34.4	71.1	3.1	4.6	75.7	70.2	145.8	6.1	51.9
Oct.	35.4	68.4	3.8	5.2	73.6	72.4	146.0	7.1	50.4
Nov.	35.2	67.1	3.3	4.9	72.0	74.2	146.2	6.8	49.2
PERSONS									
1988 -									
Sept.	129.5	168.6	15.9	18.5	187.1	106.4	293.5	9.9	63.7
Oct.	134.1	171.5	13.1	16.1	187.6	106.2	293.8	8.6	63.8
Nov.	135.0	176.2	12.2	14.2	190.5	103.6	294.1	7.5	64.8
Dec.	134.5	177.1	11.6	14.0	191.1	103.3	294.4	7.3	64.9
1989 -									
Jan.	133.2	173.3	14.9	17.1	190.4	104.5	294.9	9.0	64.6
Feb.	132.1	172.1	16.2	18.1	190.2	105.1	295.3	9.5	64.4
Mar.	136.1	180.0	11.7	13.8	193.7	102.0	295.7	7.1	65.5
Apr.	134.9	178.7	12.0	13.9	192.7	103.5	296.2	7.2	65.1
May	132.0	174.2	13.9	15.7	189.9	106.7	296.6	8.3	64.0
June	130.9	174.5	12.4	13.6	188.2	108.9	297.1	7.2	63.3
July	134.9	174.7	12.3	13.8	188.6	108.9	297.4	7.3	63.4
Aug.	131.8	175.7	10.8	12.0	187.7	110.1	297.8	6.4	63.0
Sept.	135.1	179.6	10.1	12.0	191.6	106.5	298.1	6.2	64.3
Oct.	133.5	175.0	13.3	15.4	190.4	108.1	298.4	8.1	63.8
Nov.	134.4	175.2	14.3	16.4	191.5	107.3	298.8	8.5	64.1



TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued  
(7) NORTHERN AND WESTERN SOUTH AUSTRALIA (a)

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers	Total	Looking for full-time work	Total				
	'000	'000	'000	'000				
MALES								
1988 -								
Sept.	38.9	43.2	4.8	5.0	48.1	14.9	10.3	76.3
Oct.	39.9	42.8	4.9	5.3	48.1	15.4	11.0	75.7
Nov.	38.7	41.6	5.6	5.7	47.3	14.9	12.1	76.1
Dec.	39.9	44.5	4.4	4.5	49.0	15.1	9.3	76.4
1989 -								
Jan.	39.4	42.9	6.0	6.4	49.3	15.1	12.9	76.6
Feb.	38.5	41.0	6.7	6.9	48.0	14.8	14.5	76.4
Mar.	39.3	42.8	4.9	5.4	48.1	14.5	11.2	76.9
Apr.	39.2	43.1	5.7	5.8	48.9	14.9	11.9	76.6
May	39.7	42.1	5.0	5.3	47.4	15.9	11.1	74.8
June	39.1	42.3	4.1	4.1	46.4	16.0	8.9	74.4
July	39.7	42.6	3.9	4.2	46.8	16.0	9.0	74.6
Aug.	39.3	41.3	3.5	3.5	44.8	17.4	7.8	72.1
Sept.	40.8	42.3	3.6	3.8	46.2	15.4	8.3	74.9
Oct.	39.4	41.6	4.4	4.9	46.5	14.6	10.4	76.1
Nov.	40.3	41.9	5.3	5.6	47.5	14.1	11.7	77.1
FEMALES								
1988 -								
Sept.	14.1	27.6	2.6	3.3	30.9	31.3	10.8	49.7
Oct.	13.9	27.8	*1.5	2.4	30.2	30.5	8.0	49.8
Nov.	14.7	28.2	*1.0	1.8	30.1	30.4	6.1	49.7
Dec.	14.6	27.7	*1.5	1.8	29.6	30.1	6.2	49.5
1989 -								
Jan.	13.8	25.5	2.2	2.8	28.3	31.3	9.9	47.5
Feb.	13.2	25.5	2.1	2.7	28.3	30.3	9.7	48.2
Mar.	13.6	26.3	*1.8	2.4	28.6	28.6	8.2	50.0
Apr.	12.5	24.7	2.2	2.8	27.6	28.4	10.2	49.3
May	13.1	25.5	*1.7	2.1	27.6	30.2	7.7	47.8
June	12.0	24.6	*1.7	2.4	27.0	30.0	8.8	47.3
July	14.1	25.0	*1.4	2.4	27.3	29.9	8.6	47.8
Aug.	11.6	24.5	*1.2	*1.5	26.0	31.5	*5.8	45.2
Sept.	11.5	25.0	2.0	2.6	27.6	31.4	9.4	46.7
Oct.	11.7	24.6	2.0	2.6	27.2	30.2	9.7	47.4
Nov.	12.3	24.6	*1.7	2.6	27.1	30.2	9.5	47.3
PERSONS								
1988 -								
Sept.	53.0	70.8	7.4	8.3	79.1	46.2	10.5	63.1
Oct.	53.9	70.6	6.4	7.7	78.3	45.9	9.8	63.0
Nov.	53.3	69.9	6.6	7.5	77.4	45.3	9.8	63.1
Dec.	54.4	72.2	5.9	6.4	78.6	45.3	8.1	63.5
1989 -								
Jan.	53.3	68.5	8.1	9.2	77.6	46.3	11.8	62.6
Feb.	51.6	66.5	8.8	9.7	76.2	45.1	12.7	62.8
Mar.	53.0	69.0	6.8	7.8	76.8	43.1	10.1	64.1
Apr.	51.7	67.8	7.8	8.6	76.5	43.3	11.3	63.8
May	52.8	67.6	6.7	7.4	75.0	46.1	9.9	61.9
June	51.1	66.9	5.8	6.5	73.4	46.0	8.9	61.5
July	53.8	67.6	5.3	6.6	74.2	45.8	8.9	61.8
Aug.	50.9	65.8	4.7	5.0	70.8	48.9	7.0	59.1
Sept.	52.4	67.3	5.6	6.4	73.7	46.9	8.7	61.1
Oct.	51.1	66.2	6.4	7.5	73.7	44.8	10.2	62.2
Nov.	52.6	66.5	7.0	8.1	74.6	44.3	10.9	62.8

TABLE 14 - LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued  
(8) SOUTHERN AND EASTERN SOUTH AUSTRALIA (b)

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers	Total	Looking for full- time work	Total				
	'000	'000	'000	'000				
MALES								
1988 -								
Sept.	56.7	60.6	5.7	6.1	66.7	20.2	9.1	76.7
Oct.	58.7	62.2	4.6	4.9	67.0	19.6	7.3	77.3
Nov.	60.9	65.8	3.6	3.8	69.6	18.5	5.4	79.0
Dec.	59.5	63.6	4.1	4.5	68.1	18.2	6.6	78.9
1989 -								
Jan.	58.9	63.9	4.3	4.7	68.6	17.7	6.9	79.5
Feb.	59.9	65.1	4.7	5.0	70.1	18.1	7.1	79.5
Mar.	60.2	67.4	3.4	3.7	71.0	17.5	5.2	80.2
Apr.	60.8	66.5	2.8	3.1	69.5	18.0	4.4	79.5
May	57.9	63.2	5.0	5.4	68.6	19.7	7.9	77.7
June	58.6	64.5	4.3	4.3	68.8	20.6	6.2	77.0
July	58.6	63.9	5.1	5.3	69.2	19.9	7.7	77.7
Aug.	58.7	64.6	4.3	4.7	69.3	20.7	6.8	77.0
Sept.	59.9	66.2	3.4	3.6	69.8	20.9	5.1	76.9
Oct.	58.7	65.0	5.1	5.3	70.3	21.0	7.6	77.0
Nov.	58.9	66.2	5.7	5.9	72.1	18.9	8.2	79.2
FEMALES								
1988 -								
Sept.	19.8	37.2	2.8	4.1	41.3	40.0	9.9	50.8
Oct.	21.5	38.7	2.2	3.5	42.2	40.6	8.4	51.0
Nov.	20.7	40.6	2.0	2.9	43.5	39.8	6.7	52.2
Dec.	20.5	41.2	*1.7	3.2	44.4	39.8	7.2	52.7
1989 -								
Jan.	21.1	41.0	2.4	3.2	44.2	40.4	7.3	52.2
Feb.	20.6	40.4	2.6	3.5	43.9	41.9	7.9	51.2
Mar.	22.9	43.6	*1.5	2.3	45.9	41.4	5.1	52.6
Apr.	22.4	44.4	*1.4	2.2	46.7	42.3	4.8	52.5
May	21.2	43.5	2.2	2.9	46.4	40.9	6.2	53.1
June	21.1	43.2	2.3	2.8	46.0	42.4	6.1	52.1
July	22.5	43.2	1.9	1.9	45.2	43.1	4.2	51.2
Aug.	22.2	45.3	1.9	2.3	47.6	40.5	4.9	54.0
Sept.	22.9	46.1	*1.1	2.0	48.1	38.7	4.1	55.4
Oct.	23.7	43.8	1.8	2.6	46.4	42.2	5.5	52.3
Nov.	22.9	42.5	*1.6	2.3	44.9	44.0	5.2	50.5
PERSONS								
1988 -								
Sept.	76.5	97.9	8.5	10.2	108.0	60.2	9.4	64.2
Oct.	80.2	100.9	6.8	8.4	109.3	60.3	7.7	64.4
Nov.	81.6	106.4	5.6	6.7	113.1	58.3	5.9	66.0
Dec.	80.1	104.9	5.7	7.7	112.5	58.0	6.8	66.0
1989 -								
Jan.	79.9	104.8	6.7	7.9	112.8	58.1	7.0	66.0
Feb.	80.5	105.5	7.3	8.4	113.9	60.0	7.4	65.5
Mar.	83.2	110.9	4.9	6.0	117.0	58.9	5.1	66.5
Apr.	83.2	110.9	4.2	5.3	116.2	60.2	4.6	65.9
May	79.1	106.6	7.2	8.3	114.9	60.6	7.2	65.5
June	79.7	107.7	6.6	7.1	114.8	62.9	6.2	64.6
July	81.1	107.1	7.0	7.2	114.4	63.0	6.3	64.5
Aug.	80.9	109.9	6.2	7.0	116.9	61.2	6.0	65.7
Sept.	82.8	112.3	4.5	5.6	117.9	59.6	4.7	66.4
Oct.	82.3	108.8	6.9	7.9	116.7	63.3	6.8	64.8
Nov.	81.8	108.7	7.3	8.2	116.9	63.0	7.0	65.0

(a) Comprises Yorke and Lower North, Northern and Eyre Statistical Divisions. (b) Comprises Outer Adelaide, Murray Lands and South East Statistical Divisions.

TABLE 15 - EMPLOYED PERSONS : OCCUPATION MAJOR GROUP (a), REGIONS OF SOUTH AUSTRALIA  
('000)

Occupation major group	1988		1989			
	Aug.	Nov.	Feb.	May	Aug.	Nov.
SOUTH AUSTRALIA						
Managers and administrators	82.1	83.4	87.5	85.2	84.0	81.0
Professionals	70.6	74.0	78.3	78.3	74.2	76.0
Para-professionals	42.9	41.2	42.8	41.8	42.0	38.2
Tradespersons	98.1	101.7	100.1	102.8	111.4	109.8
Clerks	91.5	98.5	101.7	106.5	101.8	100.3
Salespersons and personal service workers	87.5	89.5	87.7	86.5	90.6	98.2
Plant and machine operators, and drivers	51.8	48.1	43.6	43.7	51.5	53.9
Labourers and related workers	93.4	96.1	101.6	104.1	99.9	98.1
<i>Total</i>	<i>617.9</i>	<i>640.0</i>	<i>643.2</i>	<i>648.9</i>	<i>655.4</i>	<i>655.6</i>
ADELAIDE STATISTICAL DIVISION						
Managers and administrators	42.7	40.8	43.4	43.7	44.6	41.3
Professionals	57.7	60.4	64.3	63.8	62.1	63.8
Para-professionals	35.0	32.3	34.7	34.2	34.9	30.4
Tradespersons	74.9	77.8	77.1	79.4	83.1	83.8
Clerks	73.5	77.9	82.4	85.6	82.5	81.2
Salespersons and personal service workers	65.9	66.9	69.0	66.3	68.3	74.2
Plant and machine operators, and drivers	35.2	32.9	29.1	30.2	37.1	37.6
Labourers and related workers	64.7	67.0	71.2	71.4	67.2	68.1
<i>Total</i>	<i>449.5</i>	<i>463.8</i>	<i>471.2</i>	<i>474.6</i>	<i>479.7</i>	<i>480.5</i>
NORTHERN ADELAIDE						
Managers and administrators	8.0	8.2	8.9	10.1	9.2	7.5
Professionals	11.0	10.8	11.0	10.5	9.1	10.2
Para-professionals	11.5	9.5	9.5	9.7	10.3	7.6
Tradespersons	27.7	27.1	26.8	27.1	28.8	30.8
Clerks	21.2	20.9	20.6	23.7	24.1	26.0
Salespersons and personal service workers	21.6	21.3	21.6	19.7	21.0	21.8
Plant and machine operators, and drivers	12.5	12.2	11.7	12.2	14.3	15.1
Labourers and related workers	23.1	24.0	24.7	22.2	24.2	26.0
<i>Total</i>	<i>136.7</i>	<i>136.3</i>	<i>134.9</i>	<i>135.2</i>	<i>141.0</i>	<i>144.9</i>
WESTERN ADELAIDE						
Managers and administrators	7.9	7.6	8.0	7.2	7.1	6.8
Professionals	8.1	10.9	10.9	9.0	8.1	8.4
Para-professionals	6.5	6.7	7.2	5.8	6.5	6.3
Tradespersons	15.3	16.0	16.1	18.7	18.3	18.3
Clerks	13.7	17.7	19.5	19.5	16.8	15.1
Salespersons and personal service workers	13.8	13.8	12.0	11.5	12.8	13.4
Plant and machine operators, and drivers	11.0	10.0	7.7	7.1	8.9	8.2
Labourers and related workers	14.8	14.6	16.9	18.5	15.0	14.7
<i>Total</i>	<i>91.0</i>	<i>99.1</i>	<i>98.3</i>	<i>97.3</i>	<i>93.6</i>	<i>91.1</i>
EASTERN ADELAIDE						
Managers and administrators	13.3	12.2	11.7	11.8	12.9	12.0
Professionals	17.7	17.7	21.5	22.1	24.1	26.7
Para-professionals	6.3	5.7	8.4	8.8	7.7	6.0
Tradespersons	10.2	12.4	11.7	12.4	13.0	13.4
Clerks	16.3	18.2	17.0	16.7	16.9	14.4
Salespersons and personal service workers	11.7	13.3	14.6	13.5	12.9	15.1
Plant and machine operators, and drivers	4.0	3.8	3.6	3.9	4.8	5.1
Labourers and related workers	8.1	9.5	10.2	11.0	8.4	9.0
<i>Total</i>	<i>87.6</i>	<i>94.2</i>	<i>98.7</i>	<i>100.1</i>	<i>100.8</i>	<i>101.6</i>

**TABLE 15 - EMPLOYED PERSONS : OCCUPATION MAJOR GROUP (a), REGIONS OF SOUTH AUSTRALIA —continued**  
( '000)

Occupation major group	1988		1989			
	Aug.	Nov.	Feb.	May	Aug.	Nov.
<b>SOUTHERN ADELAIDE</b>						
Managers and administrators	13.6	12.8	14.8	14.6	15.4	15.0
Professionals	20.9	21.1	20.9	22.3	20.8	18.7
Para-professionals	10.7	10.4	9.6	9.9	10.5	10.6
Tradespersons	21.8	22.3	22.6	21.3	23.0	21.4
Clerks	22.2	21.2	25.2	25.7	24.7	25.8
Salespersons and personal service workers	18.7	18.5	20.7	21.6	21.5	23.9
Plant and machine operators, and drivers	7.6	6.9	6.1	7.0	9.0	9.1
Labourers and related workers	18.7	18.8	19.5	19.7	19.5	18.4
<i>Total</i>	<i>134.1</i>	<i>134.2</i>	<i>139.3</i>	<i>142.1</i>	<i>144.4</i>	<i>142.8</i>
<b>BALANCE OF SOUTH AUSTRALIA</b>						
Managers and administrators	39.4	42.6	44.1	41.5	39.4	39.7
Professionals	12.9	13.6	14.0	14.4	12.1	12.2
Para-professionals	7.9	8.9	8.1	7.6	7.1	7.8
Tradespersons	23.1	24.0	23.0	23.4	28.2	26.0
Clerks	18.1	20.6	19.3	20.8	19.2	19.1
Salespersons and personal service workers	21.6	22.7	18.8	20.2	22.4	24.0
Plant and machine operators, and drivers	16.6	15.2	14.5	13.5	14.4	16.4
Labourers and related workers	28.7	29.1	30.3	32.8	32.8	30.0
<i>Total</i>	<i>168.4</i>	<i>176.2</i>	<i>172.1</i>	<i>174.2</i>	<i>175.7</i>	<i>175.2</i>
<b>NORTHERN AND WESTERN SOUTH AUSTRALIA (b)</b>						
Managers and administrators	13.5	14.7	16.0	14.9	13.8	14.6
Professionals	6.7	5.6	5.3	5.6	4.5	3.8
Para-professionals	3.5	3.1	2.2	2.4	2.1	2.7
Tradespersons	10.9	9.0	8.9	9.2	11.6	10.4
Clerks	8.6	8.7	8.4	8.7	7.5	8.1
Salespersons and personal service workers	9.8	10.0	8.6	9.1	10.6	10.6
Plant and machine operators, and drivers	7.1	6.0	6.4	5.6	5.8	6.7
Labourers and related workers	10.9	12.7	10.7	12.1	10.0	9.5
<i>Total</i>	<i>71.0</i>	<i>69.9</i>	<i>66.5</i>	<i>67.6</i>	<i>65.8</i>	<i>66.5</i>
<b>SOUTHERN AND EASTERN SOUTH AUSTRALIA (c)</b>						
Managers and administrators	25.8	27.9	28.1	26.6	25.7	25.1
Professionals	6.3	8.0	8.7	8.8	7.6	8.4
Para-professionals	4.4	5.8	5.9	5.2	5.0	5.1
Tradespersons	12.3	14.9	14.1	14.2	16.6	15.6
Clerks	9.5	11.9	10.9	12.2	11.8	11.0
Salespersons and personal service workers	11.9	12.7	10.1	11.1	11.7	13.4
Plant and machine operators, and drivers	9.5	9.2	8.1	7.9	8.7	9.7
Labourers and related workers	17.8	16.4	19.6	20.7	22.8	20.5
<i>Total</i>	<i>97.4</i>	<i>106.4</i>	<i>105.5</i>	<i>106.6</i>	<i>109.9</i>	<i>108.7</i>

(a) Classified according to the Australian Standard Classification of Occupations (ASCO). (b) Comprises Yorke and Lower North, Northern and Eyre Statistical Divisions.  
(c) Comprises Outer Adelaide, Murray Lands and South East Statistical Divisions.

TABLE 16 - EMPLOYED PERSONS : INDUSTRY, REGIONS OF SOUTH AUSTRALIA  
(<sup>'000</sup>)

Industry	1988		1989			
	Aug.	Nov.	Feb.	May	Aug.	Nov.
SOUTH AUSTRALIA						
Agriculture, forestry, fishing and hunting	44.8	45.8	48.3	51.1	47.1	44.1
Mining	3.7	4.3	4.2	4.8	5.3	4.3
Manufacturing	104.8	111.5	108.1	109.9	120.0	119.8
Electricity, gas and water	10.1	11.0	11.9	12.1	10.4	10.3
Construction	38.4	40.3	41.4	39.3	38.1	38.6
Wholesale and retail trade	129.4	134.4	140.7	128.0	134.8	133.9
Transport and storage	28.5	26.2	23.4	24.1	27.9	31.7
Communication	8.6	10.2	9.3	10.3	12.5	11.5
Finance, property and business services	57.9	58.3	60.7	62.0	62.8	63.1
Public administration and defence	23.0	22.6	23.1	26.4	23.5	23.1
Community Services (a)	124.8	128.4	129.7	138.3	132.7	131.2
Recreation, personal and other services	43.7	46.9	42.5	42.6	40.3	44.1
<i>Total</i>	<i>617.9</i>	<i>640.0</i>	<i>643.2</i>	<i>648.9</i>	<i>655.4</i>	<i>655.6</i>
ADELAIDE STATISTICAL DIVISION						
Agriculture, forestry, fishing and hunting	2.5	2.9	5.0	6.3	5.9	4.9
Mining	2.1	2.3	2.2	2.1	2.7	*2.0
Manufacturing	82.7	88.0	84.5	86.5	93.4	92.8
Electricity, gas and water	6.9	7.4	7.6	8.6	7.5	7.3
Construction	30.0	31.5	33.2	30.9	29.7	29.2
Wholesale and retail trade	99.3	102.5	108.8	98.6	101.3	101.4
Transport and storage	20.9	18.3	17.9	17.8	21.4	22.8
Communication	6.3	7.3	6.6	7.3	8.3	9.2
Finance, property and business services	48.2	48.3	50.7	53.0	56.3	56.0
Public administration and defence	18.2	18.5	18.6	21.1	17.7	17.5
Community Services (a)	99.2	101.1	102.0	108.3	104.4	103.6
Recreation, personal and other services	33.2	35.5	34.1	34.0	31.0	33.8
<i>Total</i>	<i>449.5</i>	<i>463.8</i>	<i>471.2</i>	<i>474.6</i>	<i>479.7</i>	<i>480.5</i>
NORTHERN ADELAIDE						
Agriculture, forestry, fishing and hunting	*1.3	*1.1	*1.6	2.2	2.2	*1.6
Mining	*0.6	*0.9	*0.7	*0.6	*0.5	*0.4
Manufacturing	28.9	31.4	32.1	31.6	32.5	32.1
Electricity, gas and water	*1.7	*1.7	1.9	3.1	2.3	2.7
Construction	12.0	11.0	9.6	8.4	9.4	11.1
Wholesale and retail trade	30.3	31.4	31.4	30.6	34.8	33.6
Transport and storage	7.2	5.4	6.2	4.2	6.2	8.1
Communication	*1.3	2.5	2.3	2.4	2.6	2.7
Finance, property and business services	13.8	13.2	11.5	13.6	14.1	14.5
Public administration and defence	4.7	4.8	4.2	5.8	5.3	5.7
Community Services (a)	26.5	24.3	25.5	24.2	24.3	24.1
Recreation, personal and other services	8.5	8.6	8.0	8.4	6.8	8.5
<i>Total</i>	<i>136.7</i>	<i>136.3</i>	<i>134.9</i>	<i>135.2</i>	<i>141.0</i>	<i>144.9</i>

TABLE 16 - EMPLOYED PERSONS : INDUSTRY, REGIONS OF SOUTH AUSTRALIA —continued  
(<sup>'000</sup>)

Industry	1988		1989			
	Aug.	Nov.	Feb.	May	Aug.	Nov.
WESTERN ADELAIDE						
Agriculture, forestry, fishing and hunting	*0.4	*0.7	*0.4	*0.4	*0.4	*0.4
Mining	*0.2	*0.5	*0.1	*0.0	*0.3	*0.1
Manufacturing	19.9	20.6	19.7	20.3	21.0	21.8
Electricity, gas and water	*1.6	*2.0	*1.6	2.0	*1.6	*1.6
Construction	5.4	6.1	7.0	5.7	6.4	6.7
Wholesale and retail trade	21.1	21.0	24.5	22.9	20.0	19.1
Transport and storage	4.6	4.5	4.3	5.3	6.1	5.9
Communication	*1.1	*1.1	*1.0	*1.6	*1.6	*1.6
Finance, property and business services	8.1	9.5	10.0	8.7	7.5	7.0
Public administration and defence	3.2	3.9	4.1	3.8	3.1	2.8
Community Services (a)	16.7	20.3	18.5	19.3	18.0	18.1
Recreation, personal and other services	8.9	8.9	7.1	7.3	7.4	6.1
<i>Total</i>	<i>91.0</i>	<i>99.1</i>	<i>98.3</i>	<i>97.3</i>	<i>93.6</i>	<i>91.1</i>
EASTERN ADELAIDE						
Agriculture, forestry, fishing and hunting	*0.0	*0.2	*1.1	*1.3	*1.3	*0.7
Mining	*0.6	*0.3	*0.3	*0.9	*0.8	*0.4
Manufacturing	10.3	12.1	11.1	9.8	10.2	10.5
Electricity, gas and water	*1.1	*1.0	*1.3	*1.3	*1.2	*1.0
Construction	3.2	4.7	5.7	6.5	5.0	4.6
Wholesale and retail trade	17.1	17.8	19.8	17.1	18.6	19.8
Transport and storage	4.1	4.1	2.9	3.4	3.9	3.3
Communication	*1.2	*1.1	*0.9	*0.8	2.1	2.9
Finance, property and business services	14.7	13.8	14.8	13.4	16.8	17.1
Public administration and defence	4.9	3.7	4.5	5.5	4.1	3.9
Community Services (a)	23.9	26.8	27.2	30.8	29.2	27.8
Recreation, personal and other services	6.7	8.6	9.3	9.2	7.5	9.8
<i>Total</i>	<i>87.6</i>	<i>94.2</i>	<i>98.7</i>	<i>100.1</i>	<i>100.8</i>	<i>101.6</i>
SOUTHERN ADELAIDE						
Agriculture, forestry, fishing and hunting	*0.9	*0.8	2.0	2.4	2.1	2.2
Mining	*0.6	*0.6	*1.1	*0.6	*1.1	*1.2
Manufacturing	23.7	23.9	21.6	24.8	29.7	28.5
Electricity, gas and water	2.6	2.7	2.8	2.2	2.4	2.0
Construction	9.5	9.6	10.9	10.3	8.8	6.8
Wholesale and retail trade	30.9	32.4	33.1	27.9	27.9	28.9
Transport and storage	5.0	4.3	4.5	4.9	5.1	5.6
Communication	2.7	2.5	2.4	2.5	2.0	2.1
Finance, property and business services	11.7	11.9	14.4	17.3	17.8	17.4
Public administration and defence	5.4	6.1	5.8	6.0	5.2	5.1
Community Services (a)	32.2	29.7	30.8	33.9	33.0	33.6
Recreation, personal and other services	9.0	9.5	9.7	9.2	9.3	9.5
<i>Total</i>	<i>134.1</i>	<i>134.2</i>	<i>139.3</i>	<i>142.1</i>	<i>144.4</i>	<i>142.8</i>

TABLE 16 - EMPLOYED PERSONS : INDUSTRY, REGIONS OF SOUTH AUSTRALIA —continued  
( '000)

Industry	1988		1989			
	Aug.	Nov.	Feb.	May	Aug.	Nov.
BALANCE OF SOUTH AUSTRALIA						
Agriculture, forestry, fishing and hunting	42.3	43.0	43.4	44.8	41.1	39.2
Mining	*1.6	*2.0	*2.0	2.6	2.6	2.3
Manufacturing	22.1	23.5	23.6	23.4	26.6	27.0
Electricity, gas and water	3.2	3.6	4.2	3.4	2.9	3.0
Construction	8.4	8.8	8.2	8.3	8.4	9.4
Wholesale and retail trade	30.1	31.9	31.8	29.4	33.5	32.5
Transport and storage	7.6	7.9	5.5	6.3	6.6	8.9
Communication	2.3	2.9	2.6	3.1	4.2	2.3
Finance, property and business services	9.7	10.0	10.0	9.0	6.5	7.2
Public administration and defence	4.8	4.1	4.5	5.3	5.8	5.6
Community Services (a)	25.7	27.3	27.8	30.0	28.2	27.6
Recreation, personal and other services	10.5	11.3	8.4	8.5	9.3	10.3
<i>Total</i>	<i>168.4</i>	<i>176.2</i>	<i>172.1</i>	<i>174.2</i>	<i>175.7</i>	<i>175.2</i>
NORTHERN AND WESTERN SOUTH AUSTRALIA (b)						
Agriculture, forestry, fishing and hunting	13.6	13.8	13.3	15.5	11.7	11.7
Mining	*1.4	*1.4	*1.5	2.3	*1.6	*1.6
Manufacturing	8.4	7.7	8.6	9.3	10.3	10.0
Electricity, gas and water	2.3	1.8	2.3	*1.8	*1.8	2.2
Construction	3.0	3.0	2.3	2.5	2.8	4.0
Wholesale and retail trade	13.3	12.9	12.8	10.9	13.9	13.3
Transport and storage	3.9	3.4	3.0	2.7	3.0	4.1
Communication	*1.5	1.8	*1.7	*1.9	2.4	*1.2
Finance, property and business services	4.1	3.8	4.4	4.1	2.6	2.5
Public administration and defence	2.2	*1.6	*1.0	*1.3	2.3	2.7
Community Services (a)	13.3	12.6	12.3	11.6	9.8	9.8
Recreation, personal and other services	4.0	6.2	3.2	3.7	3.5	3.5
<i>Total</i>	<i>71.0</i>	<i>69.9</i>	<i>66.5</i>	<i>67.6</i>	<i>65.8</i>	<i>66.5</i>
SOUTHERN AND EASTERN SOUTH AUSTRALIA (c)						
Agriculture, forestry, fishing and hunting	28.7	29.2	30.0	29.3	29.5	27.5
Mining	*0.3	*0.6	*0.5	*0.4	*1.0	*0.6
Manufacturing	13.7	15.8	15.0	14.1	16.3	17.0
Electricity, gas and water	*0.9	*1.8	2.0	*1.7	*1.0	*0.8
Construction	5.5	5.7	5.9	5.9	5.6	5.4
Wholesale and retail trade	16.8	19.1	19.0	18.5	19.6	19.1
Transport and storage	3.7	4.5	2.5	3.6	3.5	4.8
Communication	*0.8	*1.1	*0.9	*1.1	1.8	*1.2
Finance, property and business services	5.6	6.3	5.6	4.9	3.9	4.7
Public administration and defence	2.6	2.5	3.5	4.0	3.5	2.9
Community Services (a)	12.4	14.7	15.5	18.5	18.4	17.8
Recreation, personal and other services	6.5	5.2	5.2	4.8	5.8	6.8
<i>Total</i>	<i>97.4</i>	<i>106.4</i>	<i>105.5</i>	<i>106.6</i>	<i>109.9</i>	<i>108.7</i>

(a) Comprises health; education, libraries etc.; welfare and religious institutions; other community services. (b) Comprises Yorke and Lower North, Northern and Eyre Statistical Divisions. (c) Comprises Outer Adelaide, Murray Lands and South East Statistical Divisions.



## APPENDIX A

### GLOSSARY

*Actively looking for work:* Includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.

*Aggregate hours worked:* The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.

*Average hours worked:* Aggregate hours worked by a group divided by the number of persons in that group.

*Average duration of unemployment:* For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.

*Duration of unemployment:* The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus, the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for two weeks or more to the end of the reference week.

*Employed:* Persons aged 15 years and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- (b) worked for one hour or more without pay in a family business or on a farm (*i.e.* unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

*Employment status:* Persons in the labour force classified according to whether they are employed or unemployed.

*Full-time workers:* Employed persons who usually work 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.

*Industry:* Classified according to the *Australian Standard Industrial Classification (ASIC) 1983* (1201.0 and 1202.0).

*Labour force:* For any group, persons who were employed or unemployed, as defined.

*Labour force status:* A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

*Marital status:* Persons are classified as married (husband and wife) if they are reported as being married (including *de facto*) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

*Median duration of unemployment:* The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median, and the other, persons whose duration is below it.

*Not in the labour force:* Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

*Occupation:* Classified according to the *Australian Standard Classification of Occupations (ASCO) 1986* (1222.0).

*Participation rate:* For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions.

*Part-time workers:* Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

*Seasonally adjusted series:* A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraphs 27 to 30 of Appendix B for more detail.

*Status of worker:* Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

*Trend series:* A smoothed seasonally adjusted series of estimates. See paragraphs 31 to 33 of Appendix B for more detail.

*Unemployed:* Persons aged 15 years and over who were not employed during the reference week, and:

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:
  - (i) were available for work in the reference week, or would have been available except for temporary illness (*i.e.* lasting for less than four weeks to the end of the reference week); or
  - (ii) were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then; or

- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

*Unemployed looking for full-time work:* Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

*Unemployed looking for part-time work:* Unemployed persons who had actively looked for part-time work only, or were to resume a part-time job, from which they had been stood down.

*Unemployment rate:* For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

## APPENDIX B

### EXPLANATORY NOTES

#### Introduction

This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey, including estimates for regions of South Australia.

2. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).

3. Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of publications on labour force and related topics is given in *The Labour Force, Australia* (6203.0).

#### The Population Survey

4. The population survey is based on a multi-stage area sample of private dwellings (about 5,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about nine-tenths of one per cent of the population of South Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview week (i.e. the reference week).

#### Scope

5. The labour force survey includes all persons aged 15 and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

#### Coverage

6. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of

selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible.

7. Persons who are away overseas from their usual residence for less than six weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey. Persons who, at the time of interview, are overseas for six weeks or more but for less than twelve months are included in the estimates on the assumption that their labour force

characteristics are similar to those of the persons responding in the survey.

#### Regions of South Australia

8. A number of minor changes to regional boundaries and names were introduced with the implementation of a new sample between September and December 1987 (see paragraph 21 below). These changes have not materially affected the continuity of regional data. The regions used in this publication are standard ABS Statistical Regions (see maps) and do not necessarily correspond with regions adopted by other government authorities.

#### Population Benchmarks

9. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for underenumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are necessarily derived from incomplete information about population changes.

10. Regular estimates of the population at the regional level are not available, and so benchmarks for the Adelaide Statistical Division and the Balance of South Australia have been used to produce regional estimates. For this reason, estimates of the civilian population aged 15 years and over are not made available at the regional level.

#### Revision of Series

11. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of results of the 1986 Census of Population and Housing, which affected all the monthly estimates from January 1984 to January 1989. For details, see *Information Paper : Revised Labour Force Survey Estimates : January 1984 to January 1989* (6276.0).

12. Following the change in official population estimates to a place of usual residence basis after the 1981 Census, the population benchmarks used in the estimation of labour force survey data are compiled according to place of usual residence. For an explanation of the new conceptual basis of population estimates see *Population Estimates: An Outline of the New Conceptual Basis of ABS Population Estimates* (3216.0). To co-ordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to enable identification of each respondent's place of usual residence. Estimates in this publication for October 1982 onwards are based entirely on place of usual residence. For periods before October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

13. Until February 1978, surveys were conducted in February, May, August and November each year from

1964. From February 1978 the survey has been conducted on a monthly basis.

14. The questionnaire used in the survey for the collection of labour force data has been revised a number of times, the latest occasion being for the April 1986 survey. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) issued in March 1978, December 1981, August 1984 and June 1986.

15. The latest revision to the questionnaire, in April 1986, follows the extension of the definition of employed persons to include persons who worked without pay for between 1 and 14 hours per week in a family business or on a farm (i.e. unpaid family helpers). This new definition aligns the Australian labour force concepts with a set of changed international definitions adopted by the 13th International Conference of Labour Statisticians in October 1982.

16. Previously, such persons who worked 1 to 14 hours or who had such a job but were not at work were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work.

#### Comparability of Series

17. As noted in paragraph 11, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

18. In conjunction with the previous revision of estimates back to February 1978, to conform to revised population estimates, a revision to take account of the current definition of marital status was also applied. Consequently, estimates of marital status contained in this issue are not comparable with estimates published before the February 1984 issue, which classified as married all respondents who reported that they were married or separated. The revision to the marital status classification was undertaken in two parts. Firstly, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Secondly, from June 1983 onwards, the not married category was expanded to also include persons who, although reported as married, did not have a spouse who was a usual resident of the household at the time of the survey.

19. Before October 1982, respondents who stated they were living in a *de facto* arrangement were asked how they would describe their marital status on a population census schedule and the answer was recorded. From October 1982 these respondents were coded as married. This may have resulted in some discontinuity between September and October 1982 in series classified according to marital status.

20. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

#### Survey Sample Redesign

21. The labour force survey sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September to December 1987. For details, see *Information Paper: Labour Force Survey - Sample Design* (6269.0).

#### Reliability of the Estimates

22. Estimates in this publication are subject to two sources of error:

- (a) *sampling error*: since the estimates are based on information obtained from occupants of a sample of dwellings, they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. As noted in paragraph 10 above, the use of benchmarks in the compilation of regional estimates has not been possible. For this reason users should note that regional estimates may be more volatile than corresponding State estimates and therefore they should not be regarded as reliable indicators of short-term (monthly) movements. More information on sampling error is given in the Technical Notes in Appendix C; and
- (b) *non-sampling error*: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in the coding and processing of data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

#### Differences Between Population Census and Population Survey Estimates

23. The results of the 1986 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

24. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the survey. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include: underenumeration in the population census for which census labour force estimates have not been adjusted; the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraph 9); the inclusion of permanent defence forces in census estimates; the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules; differing questions used to determine labour force characteristics (particularly the identification of unemployed persons); and differing methods of adjustment for non-response to the survey or census.

25. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and Statistical Regions, whereas the

census of population and housing provides counts for small areas but in less detail than is available from the survey.

26. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

### Seasonal Adjustment

27. Seasonally adjusted series are published in Table 2. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

28. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's original data. The latest review, in February 1989, revised seasonally adjusted and trend monthly series back to February 1978. Information about the method of adjustment, and revised seasonally adjusted and trend estimates for all months back to January 1980, were published in the appendix to the February 1989 issue of this publication.

29. It is possible that the seasonality of employment, unemployment and labour force participation has been affected by changes introduced during 1987 to the pattern of school holidays.

30. The impact of these changes on seasonally adjusted estimates of labour force characteristics cannot be assessed at this stage.

### Trend Estimation

31. Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Table 2 shows trend estimates for the past 15 months, while the appendix to the February 1989 issue shows estimates back to January 1980. Trend series graphs are shown on page 5.

32. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and, after 3 months, have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned in paragraph 28.

33. Users may wish to refer to the ABS Information Papers: *A Guide to Smoothing Time Series - Estimate of Trend* (1316.0), and *Time Series Decomposition - An Overview* (1317.0), for more detailed information on producing trend estimates by smoothing seasonally adjusted time series data.

### Month-to-month Movements

34. Care should be taken in the interpretation of month-to-month movements in these estimates. Survey estimates are subject to sampling and non-sampling

variability as explained in paragraph 22. Particular care should be taken in the interpretation of the recent original and seasonally adjusted monthly movements as these may have been affected by the changed pattern of school holidays. Trend estimates are expected to be relatively unaffected by these changes.

### Semi-logarithmic Graphs

35. A number of the graphs on page 5 have been drawn using logarithmic vertical scales to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scales (over equal time periods) indicate equal rates of growth for those graphs.

### Related Publications

36. Users may also wish to refer to the following publications which are available on request:

- The Labour Force, Australia, Preliminary* (6202.0) - issued monthly
- The Labour Force, Australia* (6203.0) - issued monthly
- The Labour Force, Australia : Historical Summary, 1966 to 1984* (6204.0)
- Job Vacancies, Australia* (6231.0) - issued quarterly
- Information Paper : Questionnaires Used in the Labour Force Survey* (6232.0) - issued June 1986
- Employed Wage and Salary Earners, Australia* (6248.0) - issued quarterly
- Information Paper : Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) - issued July 1985
- Information Paper : Labour Force Survey - Sample Design* (6269.0) - issued August 1987
- Information Paper : Labour Force Survey - Measuring Teenage Unemployment* (6270.0) - issued October 1987.
- Information Paper : Revised Labour Force Survey Estimates : January 1984 to January 1989* (6276.0) - issued July 1989.

37. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0).

The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

### Unpublished Statistics

38. The ABS can also make available unpublished labour force survey data. Where it is not possible to do so briefly over the telephone, a charge will be levied depending on the amount of data requested and the medium on which they are provided. Inquiries should be made to the officer whose name appears in the Phone Inquiries section of the Inquiries box at the front of this publication, or to Information Services in the nearest ABS office.

### Symbols and Other Usages

- n.e.c. not elsewhere classified
- break in continuity of series (where a line is drawn across a column between two consecutive figures in the same column)
- \* subject to sampling variability too high for most reasonable uses. See paragraph 6 of Appendix C

39. Estimates have been rounded and discrepancies may occur between sums of the component items and totals.

## APPENDIX C

### TECHNICAL NOTES

1. The labour force survey sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September 1987 to December 1987. For details, see *Information Paper - Labour Force Survey - Sample Design* (6269.0). For more information on sample design estimation procedures and reliability of the estimates for surveys prior to September 1987, reference should be made to the Technical Note in *The Labour Force, Australia, Historical Summary, 1966 to 1984* (6204.0).

#### Estimation procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

#### Reliability of the estimates

3. Two types of error are possible in an estimate based on a sample survey: *sampling error* and *non-sampling error*. For an explanation of non-sampling error see paragraph 13. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the estimates that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the estimate that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

4. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates derived from the survey, and of monthly, quarterly and annual movements for South Australia, and for each region of South Australia, can be determined by using the table on pages 40 and 41.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

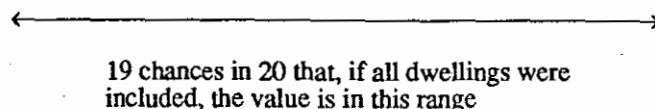
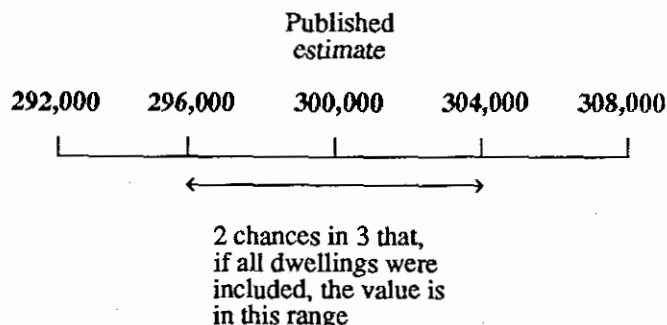
6. As the standard errors in the following table show, the smaller the estimate the higher is the relative standard error. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, only estimates with relative

standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. \*1.5) to indicate they are subject to high standard errors and should be used with caution. See paragraph 9 concerning the derivation of relative standard errors for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is also given in the following table. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in the table. Standard errors of *quarterly* movements can be obtained by multiplying the figures in column 1 of the following table by 1.22. Standard errors of all *annual* movements can be obtained by multiplying the figures in column 1 of the following table by 1.3. When using the table to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

8. Examples of the calculation and use of standard errors are given below:

- (a) From column 1 of the following table it will be seen that an estimate of 300,000 employed persons in South Australia has a standard error of about 4,000. Therefore, there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 296,000 to 304,000 and about nineteen chances in twenty that it would have been within the range 292,000 to 308,000.

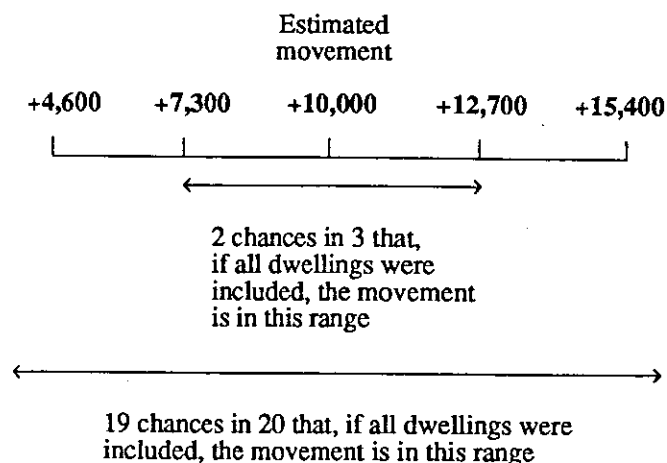


- (b) Suppose that there is an increase of 10,000 in the number of employed persons from one month to the next.

Column 3 in the following table relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case, if the larger of the two



estimates from which the movement is derived was 300,000, from column 3 it will be seen that the standard error of the monthly movement is about 2,700. Therefore, there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range +7,300 to +12,700 and about nineteen chances in twenty that it would have been within the range +4,600 to 15,400.



9. The relative standard errors of estimates of *average hours worked*, *average duration of unemployment* and *median duration of unemployment* are obtained by first finding the relative standard error of the estimates of the total number of persons contributing to the estimate (see column 2 in the following table) and then multiplying the figure so obtained by the following relevant factors:

Average hours worked: 0.7  
Average duration of employment: 1.3  
Median duration of unemployment: 2.0

10. An example of the calculation of standard errors by the use of these factors is as follows:

If an estimate of median duration of unemployment for unemployed females is 16 weeks and the number unemployed is estimated as 20,000, from column 2 of the following table it can be estimated that this figure (20,000) has a relative standard error of about 7.0 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this

figure (7.0) by the appropriate factor shown in the previous paragraph (in this case 2.0):  $7.0 \times 2.0 = 14.0$  per cent. The *standard error* of this estimate of median duration of unemployment is therefore 14.0 per cent of 16, i.e. about 2. Therefore there are about two chances in three that the median duration of unemployment for unemployed females that would have been obtained if all dwellings had been included in the survey would have been within the range 14 to 18 weeks, and about nineteen chances in twenty that it would have been within the range 12 to 20 weeks.

11. Proportions and percentages (for example, participation rates) formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and denominator. The formula for the relative standard error (RSE) of a proportion or percentage is given below:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

12. Standard errors contained in the following table are designed to provide an average standard error applicable for all monthly labour force survey estimates. Analysis of the standard errors for South Australia applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in the following table, while standard errors for unemployment and not in the labour force are approximately 3 per cent and 11 per cent respectively higher than those shown in the table. Standard errors of estimates of persons born in Australia are approximately the same as those shown in the table. For aggregate estimates of persons born outside Australia the standard errors are about 15 per cent higher. The standard errors vary for individual countries of birth, but are generally less than 10 per cent higher.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error* and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

**STANDARD ERRORS OF ESTIMATES OF LEVELS FROM MARCH 1989 AND OF MONTHLY MOVEMENTS<sup>(a)</sup>  
FEBRUARY 1989 - MARCH 1989 ONWARDS<sup>(b)</sup>, STATISTICAL REGIONS OF SOUTH AUSTRALIA**

Size of estimate	South Australia; Adelaide Statistical Division; and Balance of South Australia			Northern Adelaide			Western Adelaide			Eastern Adelaide		
	SE	RSE	SEM	SE	RSE	SEM	SE	RSE	SEM	SE	RSE	SEM
No.	No.	%	No.	No.	%	No.	No.	%	No.	No.	%	No.
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
100	110	114.0	150	110	108.0	80	110	110.0	80	110	114.0	90
200	160	81.7	190	150	75.2	110	150	76.6	110	160	79.1	120
300	200	67.1	220	180	60.8	130	190	61.9	130	190	63.9	150
400	230	58.2	240	210	52.2	150	210	53.2	150	220	55.0	170
500	260	52.0	270	230	46.5	160	240	47.4	160	240	48.9	190
600	280	47.4	280	250	42.3	180	260	43.1	180	270	44.5	200
700	310	43.9	300	270	39.0	190	280	39.7	190	290	41.0	210
800	330	41.0	310	290	36.4	200	300	37.1	200	310	38.3	230
900	350	38.5	330	310	34.2	210	310	34.8	210	320	36.0	240
1,000	370	36.5	340	320	32.4	220	330	33.0	220	340	34.1	250
1,100	380	34.7	350	340	30.8	230	350	31.4	230	360	32.4	260
1,200	400	33.2	360	350	29.4	240	360	30.0	240	370	31.0	270
1,300	410	31.8	380	370	28.2	250	370	28.8	250	390	29.7	280
1,400	430	30.6	390	380	27.2	250	390	27.7	250	400	28.6	290
1,500	440	29.5	390	390	26.2	260	400	26.7	260	410	27.6	300
1,600	460	28.5	400	410	25.4	270	410	25.8	270	430	26.7	310
1,700	470	27.6	410	420	24.6	280	430	25.0	280	440	25.8	320
1,800	480	26.8	420	430	23.8	280	440	24.3	280	450	25.1	320
1,900	490	26.0	430	440	23.2	290	450	23.6	290	460	24.4	330
2,000	510	25.3	440	450	22.6	300	460	23.0	300	480	23.8	340
2,100	520	24.7	450	460	22.0	300	470	22.4	300	490	23.2	350
2,200	530	24.1	450	470	21.5	310	480	21.9	310	500	22.6	350
2,300	540	23.5	460	480	21.0	310	490	21.4	320	510	22.1	360
2,400	550	23.0	470	490	20.5	320	500	20.9	320	520	21.6	370
2,500	560	22.5	480	500	20.1	330	510	20.5	330	530	21.2	370
3,000	610	20.4	510	550	18.3	350	560	18.6	350	580	19.3	400
3,500	660	18.7	540	590	16.9	380	600	17.2	380	620	17.8	430
4,000	700	17.4	560	630	15.8	400	640	16.1	400	660	16.6	460
4,500	730	16.3	590	670	14.8	420	680	15.1	420	700	15.6	480
5,000	770	15.4	610	700	14.1	440	720	14.3	440	740	14.8	500
6,000	830	13.9	650	770	12.8	480	780	13.0	480	810	13.5	550
8,000	950	11.8	720	880	11.0	540	900	11.2	540	930	11.6	620
10,000	1,050	10.4	780	980	9.8	600	1,000	10.0	600	1,050	10.3	680
20,000	1,400	7.0	1,000	1,400	6.9	800	1,400	7.0	810	1,450	7.2	920
30,000	1,650	5.5	1,150	1,700	5.6	960	1,700	5.7	960	1,750	5.9	1,100
40,000	1,850	4.6	1,300	1,950	4.8	1,100	1,950	4.9	1,100	2,050	5.1	1,250
50,000	2,050	4.1	1,400	2,150	4.3	1,200	2,200	4.4	1,200	2,250	4.5	1,350
100,000	2,650	2.6	1,800	3,050	3.0	1,600	3,100	3.1	1,650	3,200	3.2	1,850
200,000	3,450	1.7	2,300	4,250	2.1	2,200	4,350	2.2	2,200	4,500	2.2	2,500
300,000	3,950	1.3	2,700	5,200	1.7	2,600	5,300	1.8	2,600	5,500	1.8	3,000
400,000	4,400	1.1	2,950	6,000	1.5	2,950	6,100	1.5	2,950	6,300	1.6	3,400
500,000	4,750	0.9	3,200	6,700	1.3	3,250	6,900	1.4	3,300	7,100	1.4	3,750
1,000,000	6,000	0.6	4,150	9,500	1.0	4,400	9,700	1.0	4,450	10,000	1.0	5,000



**STANDARD ERRORS OF ESTIMATES OF LEVELS FROM MARCH 1989 AND OF MONTHLY MOVEMENTS<sup>(a)</sup>**  
**FEBRUARY 1989 - MARCH 1989 ONWARDS<sup>(b)</sup>, STATISTICAL REGIONS OF SOUTH AUSTRALIA (continued)**

Size of estimate	Southern Adelaide			Northern and Western SA (c)			Southern and Eastern SA (d)		
	SE	RSE	SEM	SE	RSE	SEM	SE	RSE	SEM
No.	No.	%	No.	No.	%	No.	No.	%	No.
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
100	110	105.0	80	120	119.0	90	110	108.0	90
200	150	73.1	100	170	82.8	120	150	75.0	120
300	180	59.0	120	200	66.9	140	180	60.6	150
400	200	50.8	140	230	57.6	160	210	52.1	160
500	230	45.2	160	260	51.2	170	230	46.4	180
600	250	41.1	170	280	46.6	190	250	42.2	200
700	270	37.9	180	300	43.0	200	270	38.9	210
800	280	35.3	190	320	40.1	210	290	36.3	220
900	300	33.2	200	340	37.7	220	310	34.1	230
1,000	310	31.5	210	360	35.7	230	320	32.3	250
1,100	330	29.9	220	370	33.9	240	340	30.7	260
1,200	340	28.6	230	390	32.4	250	350	29.4	270
1,300	360	27.4	240	400	31.1	260	370	28.2	270
1,400	370	26.4	240	420	29.9	270	380	27.1	280
1,500	380	25.5	250	430	28.9	280	390	26.2	290
1,600	390	24.6	260	450	27.9	290	400	25.3	300
1,700	410	23.9	270	460	27.1	290	420	24.5	310
1,800	420	23.2	270	470	26.3	300	430	23.8	320
1,900	430	22.5	280	490	25.5	310	440	23.1	320
2,000	440	21.9	280	500	24.9	310	450	22.5	330
2,100	450	21.4	290	510	24.3	320	460	22.0	340
2,200	460	20.9	300	520	23.7	330	470	21.4	350
2,300	470	20.4	300	530	23.1	330	480	21.0	350
2,400	480	20.0	310	540	22.6	340	490	20.5	360
2,500	490	19.5	310	550	22.2	350	500	20.1	370
3,000	530	17.8	340	600	20.2	380	550	18.3	400
3,500	570	16.4	360	650	18.6	400	590	16.9	420
4,000	610	15.3	380	690	17.4	430	630	15.7	450
4,500	650	14.4	410	740	16.3	450	670	14.8	470
5,000	680	13.7	420	770	15.5	470	700	14.0	490
6,000	750	12.4	460	850	14.1	510	770	12.8	530
8,000	860	10.7	520	970	12.1	580	880	11.0	610
10,000	960	9.6	570	1,100	10.8	630	980	9.8	670
20,000	1,350	6.7	770	1,500	7.6	860	1,350	6.9	900
30,000	1,650	5.4	920	1,850	6.2	1,000	1,700	5.6	1,100
40,000	1,900	4.7	1,050	2,150	5.3	1,150	1,950	4.8	1,200
50,000	2,100	4.2	1,150	2,400	4.8	1,300	2,150	4.3	1,350
100,000	2,950	2.9	1,550	3,350	3.3	1,700	3,050	3.0	1,800
200,000	4,150	2.1	2,100	4,700	2.4	2,350	4,250	2.1	2,450
300,000	5,100	1.7	2,500	5,800	1.9	2,800	5,200	1.7	2,950
400,000	5,900	1.5	2,850	6,600	1.7	3,150	6,000	1.5	3,300
500,000	6,500	1.3	3,150	7,400	1.5	3,450	6,700	1.3	3,650
1,000,000	9,200	0.9	4,250	10,500	1.0	4,700	9,500	0.9	4,950

(a) See Technical Notes paragraph 7 for details on calculating standard errors for quarterly and annual movements.

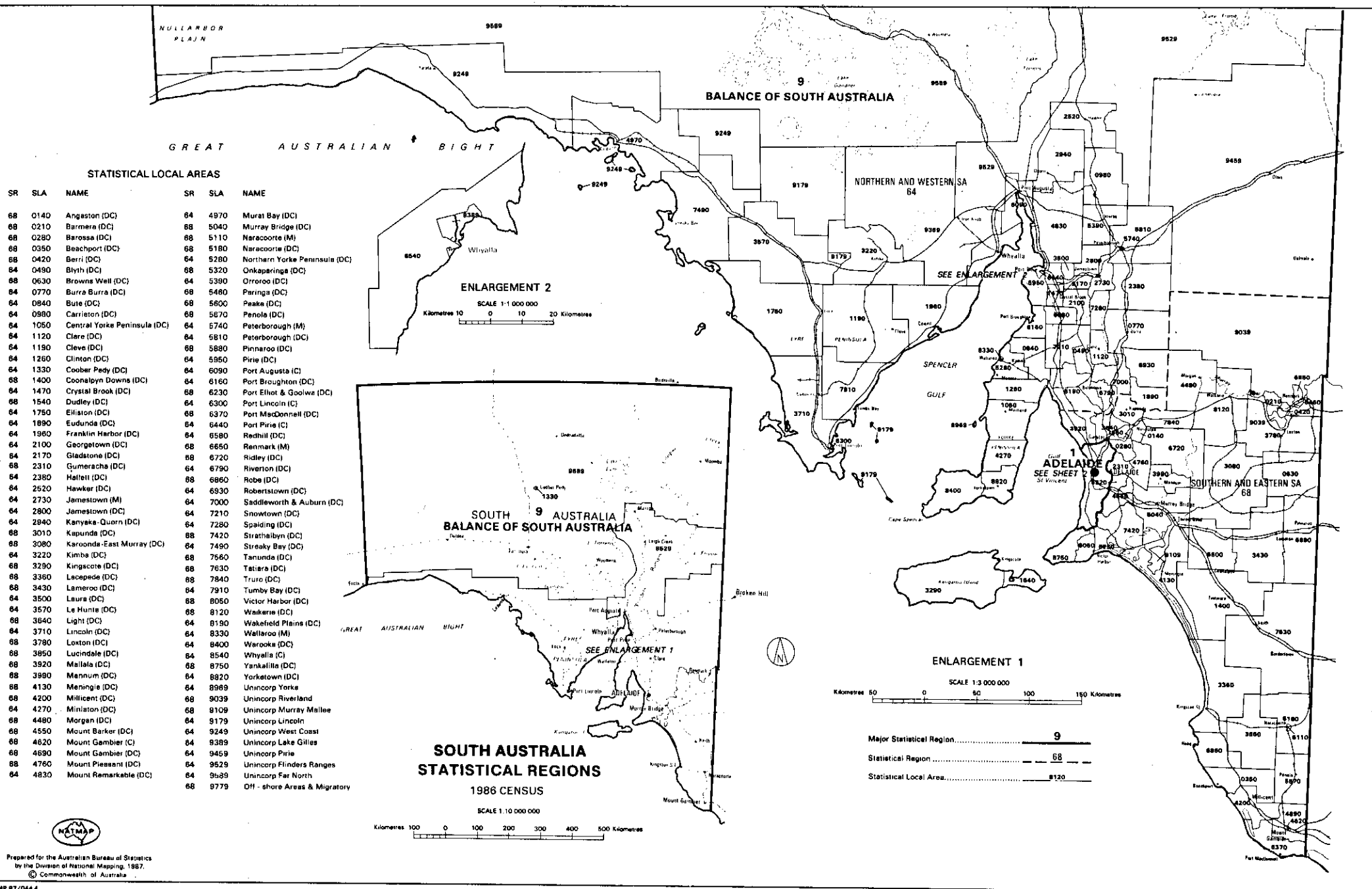
(b) For standard errors, etc. for earlier periods, see previous issues of this publication.

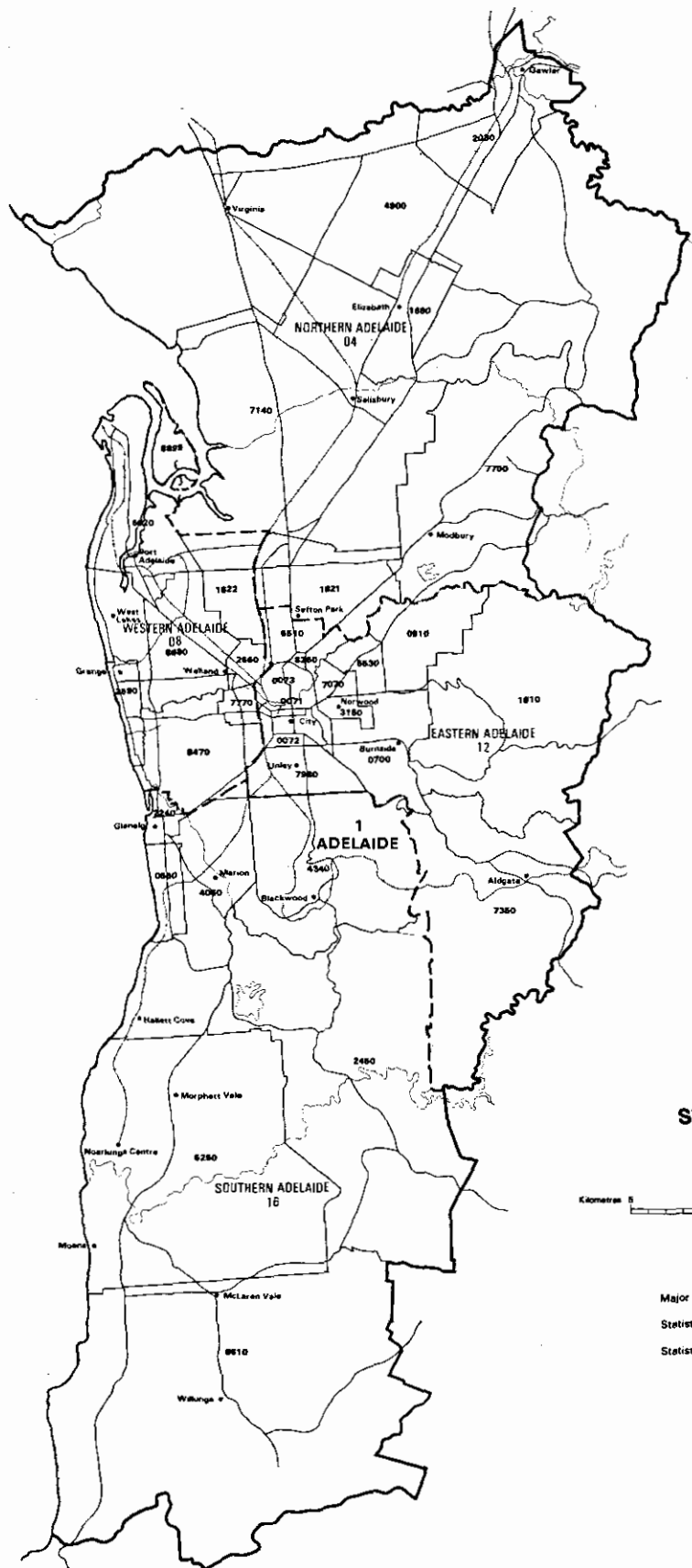
(c) Comprises Yorke and Lower North, Northern and Eyre Statistical Divisions.

(d) Comprises Outer Adelaide, Murray Lands and South East Statistical Divisions.

SE standard error    RSE relative standard error    SEM standard error of monthly movements

— Indicates the point at which the relative standard error (RSE) of level estimates for the given region becomes greater than 25 per cent. Note that for estimates of average hours worked, and average median durations of unemployment, adjustment factors must be applied before the 25 per cent relative standard error level can be derived (see paragraph 9 of the Technical Notes for further details).



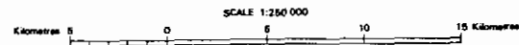


# STATISTICAL LOCAL AREAS

SR	SLA	NAME
12	0071	Adelaide (C) - Inner Pt A
12	0072	Adelaide (C) - Inner Pt B
12	0073	Adelaide (C) - Remainder
16	0560	Brighton (C)
12	0700	Burnside (C)
12	0910	Campbelltown (C)
12	1610	East Torrens (DC)
04	1880	Elizabeth (C)
04	1821	Enfield (C) - Pt A
08	1822	Enfield (C) - Pt B
04	2030	Gawler (M)
16	2240	Glenside (C)
16	2450	Happy Valley (C)
08	2590	Henley & Grange (C)
08	2680	Hindmarsh (M)
12	3150	Kensington & Norwood (C)
16	4060	Marion (C)
16	4340	Mitcham (C)
04	4900	Munno Para (C)
16	5250	Noarlunga (C)
12	5530	Payneham (C)
08	6020	Port Adelaide (C)
12	6510	Prospect (C)
12	7070	St Peters (M)
04	7140	Salisbury (C)
12	7350	Stirling (DC)
04	7700	Tes Tree Gully (C)
08	7770	Thebarton (M)
12	7980	Unley (C)
12	8260	Walkerville (M)
08	8470	West Torrens (C)
16	8610	Willunga (DC)
08	8680	Woodville (C)
08	8899	Unincorp Western



## ADELAIDE STATISTICAL REGIONS 1986 CENSUS



Major Statistical Region .....	<b>1</b>
Statistical Region .....	<b>12</b>
Statistical Local Area .....	<b>0560</b>



© Commonwealth of Australia 1990

**Recommended retail price: \$13.00**



**2062014011890**

ISSN 1031-248X